# ADMINISTRATION REPORT

OF THE

# MUNICIPAL COMMISSIONER

FOR THE

# CITY OF BOMBAY

## FOR THE YEAR 1922-23.

00133773

BOMBAY:
PRINTED AT THE TIMES PRESS.

1924.

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# Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the City of Bombay for the year 1922-23.

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## Corporation and Standing Committee.

Mr. Mirza Ali Mahommed Khan was President of the Corporation, and Dr. Moreshwar C. Javle Chairman of the Standing Committee, for the year.

2. 111 meetings were held by the Corporation, and 54 by the Standing Committee. There were besides 129 meetings of Committees of the Corporation and 11 meetings of Sub-Committees of the Standing Committee.

## Commissioner.

3. Mr. H. B. Clayton, C.I.E., I.C.S., held the charge of the office of Municipal Commissioner from the 1st April 1922 to 17th May 1922 and again from the 6th October 1922 to 31st March 1923 and during the intervening period, when Mr. Clayton was on combined leave, Mr. R. P. Masani, M.A., Deputy Municipal Commissioner, held charge of the office. The appointment of an Indian to the post of Municipal Commissioner for the first time in the history of the Municipality was a welcome departure, which was much appreciated by the Corporation.

## Financial.

4. The year's income shows a net increase of Rs. 36,06,454 over that of the previous year, which was mainly due to the increase of General Tax from 9½ per cent. to 11 per cent. and the Fire tax from ⅜ per cent. to ½ per cent. while the net result of the transactions shows a surplus of Rs. 5,92,024 against Rs. 6,82,055 in the preceding year. The year opened with a Working Cash Balance of Rs. 81,39,920, including Rs. 17,95,108 being renewals of grants for 1921-22 and previous years, Rs. 17,85,007 the contribution payable to the City Improvement Trust during the year under report, Rs. 1,00,000 the minimum cash balance required under the Municipal Act, Rs. 14,23,800 the value of stores in hand, and Rs. 10,27,135 the amount advanced for the purchase of plant and machinery, and closed with a balance of Rs. 87,31,944. Exclusive of Rs. 21,11,307 reserved for lapsed grants required to be renewed in 1923-24, Rs. 19,07,255 ear-marked for payment to the City Improvement Trust during 1923-24, Rs. 1,00,000 the minimum balance required by law, Rs. 11,35,032 the value of stores in hand, Rs. 13,21,009 the value of plant and machinery, Rs. 1,51,623 the aggregate net amount of miscellaneous advances, the real unhypothecated Cash Balance at the close of the year stood at Rs. 20,05,718 against Rs. 20,08,370 at the close of the year preceding. Taking this sum of Rs. 20,05,718 as the opening asset at the beginning of the current year, the Chief Accountant in paragraph 32 of his report observes that although the Surplus Cash Balance reveals considerable improvement over that of this time previous year, the position demands the greatest restraint in keeping within sanctioned grants and resisting demands for additional grants and transfers from savings.

### INCOME.

5. There was a rise of Rs. 36,06,454 in the income for the year, which, beating all previous records, amounted to Rs. 2,67,53,463 against Rs. 2,31,47,009 for the previous year. The General Tax brought in a substantial increase of Rs. 20,12,014 over the income of the preceding year due mainly to the increase in the rate of taxation and to a certain extent to an increased activity in the building operations and to enhancement of the rateable value. The Water and Fire Taxes yielded, respectively, Rs. 12,29,353, and Rs. 1,41,232 more than they did in the previous year, for the same reason. The Halalkhore Tax brought in Rs. 2,72,378 more than in the previous year due to the expansion of the City. Wheel Tax and Tolls accounted for an increase of Rs. 4,29,723 due to increased receipts on account of public and private

conveyances. The receipts from Cotton Import Duty contributed an increase of Rs. 1,30,892 over the previous year's collection. There was an increase of Rs. 1,32,720 in the receipts from Markets and Slaughter Houses. There was, however, a fall of Rs. 4,49,303 in the net receipts from Town Duties which are an unstable source of revenue. Taking all factors of expansion into consideration and eliminating all variable and unreliable sources of revenue, the Chief Accountant estimates the permanent expansion in the income of the Municipality at Rs. 42,50,000.

### INCIDENCE OF TAXATION.

6. The following table shows the incidence of taxation per head of population for the last quinquennium :—

| Year. | Incidence per head of population. Rs. | a. | p. |
|---|---|---|---|
| 1918-19 | 15 | 14 | 2 |
| 1919-20 | 16 | 9 | 2 |
| 1920-21 | 14 | 10 | 6 |
| 1921-22 | 16 | 15 | 3 |
| 1922-23 | 20 | 2 | 4 |

The incidence of taxation for the first two years has been calculated on the Census for 1911 (9,79,445), while that for the years 1920-21, 1921-22 and 1922-23 on the Census for 1921 (11,75,914).

### EXPENDITURE.

7. The total expenditure for the year reached the unprecedented figure of Rs. 2,61,61,439, indicating an advance of Rs. 36,96,485 on the outlay of Rs. 2,24,64,954 for the previous year. The Chief Accountant has dealt with the reasons for increases and decreases in the expenditure in paras. 11 and 31 of his report and considers that the following may be taken as the various additions in our recurring outlay :—

| | Rs. |
|---|---|
| General Superintendence | 50,000 |
| Assessment and Collection Department | 60,000 |
| Education Primary | 2,50,000 |
| Public Health Department | 10,000 |
| Hospitals | 60,000 |
| Street Cleansing, etc. | 60,000 |
| Public Lighting | 1,50,000 |
| Drainage and Sewerage | 50,000 |
| Building Regulations and other measures for Public Safety | 50,000 |
| Markets and Slaughter Houses | 1,00,000 |
| Contribution to the City Improvement Trust | 2,10,000 |
| Municipal Debt | 13,50,000 |
| Total | 24,00,000 |

When this figure of Rs. 24,00,000 is compared with the expansion of income of Rs. 42,50,000 it will appear that our income continues to grow faster than the expansion in expenditure ; but the Chief Accountant points out that the increased income is due rather to the increase in the rates of taxation for the year than to the progressive development of the City. The question of increasing the revenue to meet the growing expenditure is engaging the attention of the Corporation as well as of the executive. Proposals for substituting a non-refundable Terminal Tax for the present Town Duties are under the consideration of a Committee of the Corporation. If the proposals meet with the approval of the Corporation and Government, the proposed tax is likely to yield a substantial increase in the revenue apart from the advantages in the collection of the tax without friction between the Municipality and the traders.

8. Lapsed Grants, etc.—Out of the finally sanctioned grants for expenditure aggregating Rs. 2,92,77,068 a balance of Rs. 31,15,630 remained unexpended at the close of the year. Of this, Rs. 21,11,307 required renewal for expenditure in 1923-24, leaving as savings a sum of Rs. 10,04,323.

9. Loan Works Expenditure.—The expenditure on loan works during the year aggregated Rs. 1,40,33,805 against Rs. 69,95,553 in the preceding year, showing an increase of Rs. 70,38,252 principally under (A) Buildings and Sanitary Structures, (B) Roads and Overbridges and (C) Water Works. The total amount made available for expenditure on loan works was Rs. 2,44,86,556 out of which Rs. 1,40,33,805 were spent or a little over 57 per cent. against 54 per cent. in the previous year, whereas the lapses amounted to about 43 per cent. against 46 per cent. in the preceding twelve months. In regard to these lapses the Committee had observed in their Review on the last year's report that the principle that should be followed by the Departments should be that they should carefully foresee the works, including the most urgent works, which could be turned out within a certain period of time, obtain allotments for them from loans raised or to be raised during the period and push forward their execution with utmost expedition as soon as the allotments were available and that they should, as far as possible, never commence or undertake a work for which no allotment has been made from loans already raised. But this principle does not seem to have been followed even in the year under report. This question has been repeatedly discussed at the Corporation and Standing Committee meetings and it is hoped that this wholesome principle will always be kept in view by the Engineering Departments while asking for allotments.

10. Plague Expenditure.—The expenditure on plague operations during the year amounted to Rs. 1,20,869 against Rs. 1,16,888 in the previous year showing an increase of Rs. 3,981. The total outlay on plague measures from its outbreak upto the close of the year under review aggregated Rs. 89,66,815.

11. Street Improvements.—During the year amounts aggregating Rs. 1,00,369 were made available from Revenue for payment of compensation in respect of set-backs acquired. Against this sum Rs. 1,00,006 were actually paid leaving a balance of Rs. 363 which has been treated as savings as no provision has been made under revenue in 1923-24. The amount made available from capital for the acquisition of set-backs was Rs. 2,87,001 and the expenditure booked aggregated Rs. 3,99,887. The undischarged commitments up to the 31st July 1923, in regard to set-backs already acquired and sanctioned to be acquired amounted to Rs. 17,91,597 against which the funds sanctioned aggregated Rs. 3,00,000 *plus* Rs. 1,00,000 out of Land and Buildings Fund. The excess of liabilities over funds available thus amounts to Rs. 13,91,597.

12. Capital Debt.—During the year the Corporation received the balance of Rs. 50 lakhs out of the loan of Rs. 1½ crores arranged to be taken up from Government at 6½ per cent. (Tax Free) with option of the Corporation to repay the loan after 15 years. Government also paid a sum of Rs. 115 lakhs out of the 140 lakhs loan which has been arranged to be taken up at 6 per cent. (Tax Free) for 30 years. 12 months Bills for a loan of Rs. 5 lakhs for the improvement of private streets were discounted at the Imperial Bank of India at 5½ per cent. free of income tax. Debt to an extent of Rs. 4,39,017 was paid off during the year. The total Capital Debt of the Corporation thus increased from Rs. 9,47,76,867 to Rs. 11,13,37,850. Deducting from this, Rs. 60,500 being the amount of the outstanding debentures of the Drainage and other loans which is covered by a renewed grant, the outstanding debt at the close of the year amounted to Rs. 11,12,77,350. Against this debt, the total Sinking Fund Investments aggregated Rs. 2,68,25,305, leaving a net debt liability of Rs. 8,44,52,045 against Rs. 6,97,70,526 in the preceding year.

13. Stores Audit.—During the year the work of verifying stock was entrusted to Messrs. S. B. Billimoria & Co. and the result of their verification which was reported to the Corporation was satisfactory. The stores in stock on the last day of the year were valued at Rs. 15,35,032 against Rs. 14,23,800 at the close of the preceding year, showing an increase of Rs. 1,11,232. Out of the balance, stores worth Rs. 13,83,670 are in charge of the Storekeeper. This balance compared with the balance of stores in charge of the same officer at the end of each of the preceding four years stands as under :—

| Year. | Rs. |
|---|---|
| 1918-19 .. .. .. .. .. .. .. .. | 5,75,906 |
| 1919-20 .. .. .. .. .. .. .. .. | 4,93,315 |
| 1920-21 .. .. .. .. .. .. .. .. | 7,68,162 |
| 1921-22 .. .. .. .. .. .. .. .. | 11,76,349 |
| 1922-23 .. .. .. .. .. .. .. .. | 13,83,670 |

As the large increase in the reserve stock balances adversely affects the Surplus Cash Balance, the Standing Committee had made the following recommendations in the review of the Administration Report of the last year :—

> The Standing Committee would urge upon the Commissioner to inquire into the matter with a view to taking steps for reducing the stock balance as much as possible so as to afford relief to the Surplus Cash Balance to the same extent. At least immediate steps should be taken to finance the purchase of stores required for loan works out of an advance obtained from Surplus Loan Balances and not from Surplus Cash Balance.

It appears that the only step that has been taken so far to carry out these recommendations is to ask the newly appointed Test Audit Officer to make investigations in the matter and suggest ways and means of reducing the stores balances.

14. The Commissioner's Discretional Contingent Grant.—From the list of payments made out of this grant given at page 300 of the Administration Report it will be seen that two payments of Rs. 363-15-10 and Rs. 1,286-13-11 have been made from this grant pending the sanction of the proper Budget grants for the same and after these grants have been made the amounts have been again credited to the grant. The Municipal Auditors rightly point out that such transactions are irregular. The Contingent grant is meant for final debit at the discretion of the Commissioner of such payments as are admissible under the Municipal Act, but for which no specific Budget grant exists. The grant is not to be used for the purpose of any suspense account.

## Assessment and Collection of Taxes.

15. The number of properties on the Assessment Book on the last day of the year stood at 46,611 against 49,605 in the previous year. Of these, 1,544 properties excluding those belonging to Government, City Improvement Trust, Port Trust and Railways which are separately assessed and specially treated, were exempted from the General Tax as being of insignificant value against 2,962 in the year previous, and 1,461 non-Municipal properties were exempted under Section 143 of the Municipal Act against 2,030 in the preceding year. Under the same Section 642 Municipal properties were not assessed against 634 in the preceding twelve months. The total number of properties assessed to the General Tax numbered 38,325 against 38,966 in the previous year.

16. The rateable assessment of properties in the City rose from Rs. 9,34,04,409 in the previous year to Rs. 10,12,68,976 in the year of report, showing an increase of Rs. $78\frac{3}{5}$ lakhs as against Rs. $94\frac{4}{5}$ lakhs in the preceding year. Opening with a gross assessment of Rs. 10,85,21,895 the year closed with an assessment of Rs. 11,25,08,688 against Rs. 10,37,70,215 at the end of the year previous. 1,653

complaints against assessment were made during the year against 1,364 in the preceding year. Only 8 appeals were made to the Chief Judge of the Court of Small Causes, of which 5 were settled out of Court, and 3 were dismissed by the Court.

17. Inclusive of demands in respect of previous years amounting to Rs. 7,61,569, the total demand on account of property taxes aggregated Rs. 1,93,32,601 against Rs. 1,53,18,657 in the preceding year, showing an increase of Rs. 40,13,944. Out of this Rs. 1,82,81,388 were collected against Rs. 1,46,17,042 in the preceding year, leaving an outstanding balance of Rs. 10,51,212 against Rs. 7,01,615 in the preceding twelve months. The net outstanding balance should, however, be taken at Rs. 8,58,213, as bills aggregating Rs. 1,92,999 were recalled and cancelled. Out of the large outstanding balance at the end of the year bills for no less than Rs. 7,75,033 were issued during the last three months of the year in respect of buildings newly erected, enlarged or improved. The balance of the outstanding is due chiefly to circumstances beyond the control of the Department, particularly to the continued trade depression and consequent acute financial stringency that prevailed in the City throughout the year. These drawbacks combined with the depreciation in the value of house property involved many large rate-payers in difficulties which deprived them of the means of paying their taxes as promptly as usual.

18. As in the preceding year an additional work was again thrown on the Department during the year under review by another fresh order of the Chief Presidency Magistrate passed under Section 45 of the City of Bombay Police Act IV of 1902 for collecting an additional tax of about Rs. 6,87,775 involving the preparation of 24,273 bills. This additional work besides throwing a very heavy strain on the Department seriously hinders the collection of Municipal revenue. The Assessor and Collector therefore earnestly suggests that Government may be moved to amend the City Police Act so as to relieve the Municipality from similar burdens in future.

19. The claims for drawback received and admitted during the year numbered respectively 988 and 251 against 856 received and 55 admitted in the previous year, and the amount of drawback allowed aggregated Rs. 52,416 against Rs. 4,934 in the preceding year.

20. The receipts from the General Tax inclusive of Fire Tax aggregated Rs. 1,09,66,719 against Rs. 88,13,473 in the previous year, showing an increase of Rs. 21,53,246. There was also an increase of Rs. 12,29,973 in the receipts from the Water Tax, which amounted to Rs. 48,48,252 against Rs. 36,18,279 in the preceding year. The Halalkhore Tax, inclusive of charges for special service, likewise yielded an increased revenue of Rs. 26,47,245 against Rs. 23,74,867 realized in the year previous.

21. The receipts from the Wheel Tax, including Government contribution of Rs. 25,000 in lieu of tolls, aggregated Rs. 12,15,390 against Rs. 7,85,667 realized from the tax in the year previous. During the year 2,806 four-wheeled vehicles were taxed against 2,999 in the preceding year and 3,209 in the year 1920-21 and 1,060 two-wheeled vehicles against 1,006 in the previous year. The number of motor cars (including motor lorries) but excluding taxis licensed under the Public Land Conveyance Act taxed during the year rose from 3,961 in the previous year to 4,297 in the year of report, while the number of motor cycles (including those with side cars) was 345 as against 346 in the previous year.

22. The gross collections from Town Duties for the year aggregated Rs.34,07,196 against Rs. 39,33,378 in the previous year and the refunds allowed in respect of goods exported amounted to Rs. 16,81,231 against Rs. 17,07,925. The net revenue thus amounted to Rs. 17,25,964 against Rs. 22,25,452 showing a decrease of Rs. 4,99,488 which is due principally to a fall in the imports of grain, timber, sugar, ghee and firewood. The revenue derived from the non-refundable

Town Duty of Re. 1 per bale levied under Bombay Act XX of 1920 on raw cotton imported into the City amounted to Rs. 37,87,744 of which Rs. 21,64,425 equal to $\frac{4}{7}$ths of the total collections, represents the share of Government and the balance, amounting to Rs. 16,23,319 equal to $\frac{3}{7}$ths of the collections, represents that of the Municipality.

## PUBLIC WORKS.

### General Branch.

23. The general conditions regarding the prices of building materials and labour improved to a certain extent during the year of report and it therefore became possible for the Engineering Departments to carry out many of the budgetted works. Details of works completed and of works in progress under the Special Engineer, Development Works, are given at pages 153-163 of the report, and these show satisfactory activity on the part of the Special Engineer's Department.

### Drainage.

24. The proposed comprehensive scheme for the drainage and sewerage of the City was referred for further scrutiny and advice to a Committee of three experts composed of Mr. J. D. Watson, M. Inst., C. E., Dr. W. E. Adeney, D. S. C., F.I.C., and Mr. G. Bertram Kershaw, M. Inst., C.E., M.A.M., SOC. C.E., who after examining the details of the scheme on the spot and discussing matters with the Municipal Engineers, the Drainage Committee of the Corporation and with the Port Trust Engineers, submitted their final report, in which they recommended the scheme with a modification that the sewage effluent be discharged into the Kurla creek in the neighbourhood of the Mahul Pier at a point about half a mile distant from the Port harbour limits as a temporary measure, on the understanding that it should be made permanent in the event of complete success. The Drainage Committee's report on the subject was approved by the Corporation under their Resolution No. 11226, dated the 23rd March 1923. Government were accordingly approached to accord their sanction to the new outfall.

25. The strain on the engines in the new pumping station at Love Grove was greater than last year, the number of revolutions run by them during the year being 27,881,638 against 21,692,782 in the preceding year. As in former years all frames, conveyor and also screen and dredger chains, had to be renewed during the year. The renewals of these articles constitute an important item of expenditure in the maintenance of the station from year to year. The average height of sewage recorded in the detritus chamber was 3′-5″ as against 4′-11″ in the previous year. The amount of detritus removed was 4,900 tons and the quantity of sewage pumped was 47¼ million gallons per day on an average.

26. Great relief has been afforded to the Love Grove Air Compressor Station by the erection of additional compressor stations at Bhandarwada and Arthur Road. The Colaba Air Compressor Station, which is driven by electricity, worked satisfactorily and was assisted for some time by the steam plant as in the past. The steam plant is proposed to be replaced by an electrically driven Air Compressor of a modern type. The ejectors connected with all these stations worked fairly well.

27. The improvement in the prices of materials and labour enabled the Drainage Department to execute a large number of drainage works during the year. Of these, 22 were carried out by contract at an aggregate cost of about Rs. 4,87,956 and 13 through the agency of the Petty Works Contractor at a cost of Rs. 35,825. Details of these works will be found at pages 166-167 of the report. In addition to these works 18 small drainage works were carried

out through the agency of the Petty Works Contractor at a cost of Rs. 15,200 and the work of providing 28 full sized and 10 half sized water entrances was carried out departmentally at a cost of Rs. 22,825. Several repair, alteration, etc., works were besides carried out departmentally.

28. Out of 122·35 miles of pipe sewers, 14·7 miles of ovoid main sewers and 160·32 miles of storm-water drains, 44·94 miles of pipe sewers, 13·36 miles of ovoid sewers (including sewers scraped more than once) and 21·73 miles of storm water drains were cleaned, the quantity of silt removed being 2,189, 457, 7,508 tons, respectively. Besides this an additional quantity of 1,607 tons of silt was removed from 32 catchpits on pipe sewers and 9 catchpits on main sewers.

29. During the year 285 street connections were made against 240 in the preceding year, at a cost of Rs. 22, 247. In addition to these, 115 storm-water connections were made (costing Rs. 6,999) against 100 in the preceding year. 5 manhole frames and covers were provided over some of the storm-water drains in the City. 1,619 improved concrete covers were provided over storm-water entrances the total number of covers fixed since their introduction in the year 1913 being 14,825. Other water entrances were covered with closable gratings in C. I. frames, which are better than concrete covers and are now used for all new water entrances.

## STREETS AND BUILDINGS.

30. 3,294 building applications were received during the year against 3,211 in the previous year, the total number of buildings actually dealt with being 1,488 against 1,527 as it was frequently the case that two or more modified proposals were received in connection with one and the same building. 694 notices were issued for the removal of unsafe structures against 492 in the preceding year. This brought the number of such cases to 900 inclusive of 206 cases left pending at the close of the previous year. Of these the requisitions in 670 cases, including 184 cases pending from the previous year, were complied with leaving 230 cases pending at the close of the year 40 buildings or parts of buildings fell during the year against 30 in the year preceding. In 37 cases no injury was done, and in the remaining 3 cases 6 persons were injured and 15 killed. Action was taken for the removal of 161 inflammable and insanitary huts, including 12 cases of huts pending from the previous year. Of these, the requisitions in respect of 149 cases, including 12 cases pending from the previous year, were complied with by the owners and 59 cases were pending at the close of the year. Out of 21 cases of unauthorized works for the removal of which the sanction of the Standing Committee was obtained, including 6 cases pending from the previous year, in 15 cases the works were removed by the owners, in 2 cases the work swere removed by the Municipality and the remaining 4 cases were pending at the close of the year. In 3 cases action was taken under Section 378 of the Municipal Act for the improvement of insanitary buildings, including 1 case pending at the close of the previous year. In 2 cases including 1 of the previous year, the owners complied with the requisitions and the remaining 1 case was pending at the close of the year. The establishment for the inspection of staircases as required by Section 349D of the Municipal Act was discontinued during the year and the work was entrusted to Ward Inspectors. In 254 cases notices were issued, out of which 202 were complied with and the remaining 52 cases were pending at the close of the year. Out of the 137 cases which were pending at the close of the previous year, 104 were complied with and 33 were still pending at the close of the year. In all 1,516 prosecutions were instituted against 1,110 in the previous year. 512 cases were withdrawn on compliance with the requirements of the Department. In 410 cases the parties were warned and discharged while 502 persons were convicted and fined, and 92 cases were pending at the close of the year. The establishment for registration of the

class and floor area of tenements in new and altered buildings in the City started in 1914 was discontinued and the work was entrusted to the Ward Inspectors. 1,488 buildings were surveyed during the year for the purpose, the number of buildings surveyed since the commencement of the work totalling 10,830.

31. During the year under review the Road Department had a satisfactory supply of road materials and transport facilities. The area of roads metalled, resurfaced and patched during the year was 1,13,41,960 square feet against 1,11,45,913 square feet and the total amount spent on repairs and maintenance, including maintenance of foot paths and road side trees, was Rs. 11,19,381 against Rs. 12,35,593, the rate for full metalling working out at 3 annas 1 pie per square foot against 3 annas 6 pies per square foot in the preceding year. In addition to the works done departmentally 5,21,359 square feet of road surface was got repaired by different contractors at a total cost of Rs. 1,31,865, working out at annas 3 and pies 6 per square foot. The work of laying a bed of cement concrete 9″ thick and paving the same with sett-stones was continued along Frere Road, Dongri Street and Masjid Bridge. The total area thus paved during the year was 3,73,872 square feet at a cost of Rs. 9,24,000 against 77,145 square feet at a cost of Rs. 3,35,199 in the previous year and 76,440 square feet at a cost of Rs. 1,87,354 in the year 1920-21, thus bringing the total area so treated from the commencement to 5,27,457 and the cost to Rs. 14,46,553. The cost worked out at Rs. 2-7 per square foot in the year of report, Rs. 4-6 in 1921-22 and Rs. 2-7 in 1920-21 and on the whole at Rs. 2-11 per square foot. Similar pavement is to be extended along Reay Road from Wari Bunder Road Junction as far as the Victoria Road Overbridge. The Tramways Company have already laid their tracks along this Road with this method of construction. The experiment of making roads with 3″ sheet asphalt on concrete foundations was carried on on certain roads approved by the Corporation and the total area so laid up to the close of the year was 53,450 square yards and the total amount booked on this account was Rs. 12,82,304. In addition to these roads portions of Lamington Road and Walkeshwar Road admeasuring 7,042 and 7,000 square yards were laid with 2″ and 2¼″ asphaltic concrete on the existing surface. The results achieved by this method of construction are very satisfactory and the Corporation have approved of a policy to finance the construction of certain roads according to this method from Loan funds and a provision of Rs. 37 lakhs has accordingly been made in the Loan Works Budget for the year 1923-24. The tarring of roads was continued during the year and a number of roads with an aggregate area of 29,97,128 square feet were tar-painted and some roads with an area of 2,13,314 square feet were laid with tar macadam at an aggregate cost of Rs. 5,86,232. Out of 179 miles of roads, 53½ miles were disturbed in connection with pipes, cables, etc., against 76 miles in the preceding year.

32. A large number of road schemes were in progress during the year. All the reconstituted plots in the scheme for widening Church Gate Street are being built upon. All the buildings acquired for the widening of Dalal Street have either been demolished or set-back and the work of constructing the road will shortly be taken in hand. Most of the land required for the widening of Golanji Hill Road has been acquired. A few cases are still pending before the Land Acquisition Officer. The Corporation having sanctioned the scheme for the Golanji Hill Road extension negotiations are being carried on with the owners of the properties required for the work. Land required for Musjid Bunder Road and Samuel Street is being acquired. In the scheme for the acquisition of certain properties near Pydhoni negotiations are still being carried on with the several parties interested in the scheme for the retention and exchange of their plots. Proceedings for the acquisition of properties required for the widening of Abdul Rehman Street and Musjid Bunder Road have been completed by the Land Acquisition Officer and awards are to be published. 225 properties comprised in the scheme for the pro-

posed road from Hornby Road to Ballard Pier have been notified by Government under the Land Acquisition Act. 97 cases are being inquired into by the Land Acquisition Officer and in 23 cases compensation moneys were paid. The work of constructing the Dadar-Kumbharwada Road is nearing completion. Progress in the various Mahim schemes was brisk, about 150 properties having been acquired.

33. Five private streets were declared public, and action was proceeding under Section 305 of the Municipal Act for the improvement of 37 private streets, but the progress was rather slow for want of funds. At the close of the year a provision of Rupees five lakhs was made available for the purpose. About 5,984 square yards were added to the roads in different wards as set-backs. Ten new footpaths measuring about 1,04,418 square feet were formed on Wodehouse Road, Frere Road, Lamington Road, Girgaum Road, (both sides), Frere Bridge (both sides), Nesbit Road, Clerk Road and Sankli Street.

## TRAMWAYS.

34. No additions, extensions, etc., of tram-tracks were carried out during the year under review. The total number of cars run by the Tramways Company on their lines was 279 of the aggregate carrying capacity of 22,088 passengers, against 275 cars in the previous year of the total carrying capacity of 21,984 passengers.

## OVERBRIDGES.

35. The work of constructing the DeLisle Road Overbridge was commenced by the B. B. & C.I. Railway Company. Satisfactory progress has been made in the work of constructing the Dadar Overbridge. Properties required for the Mahaluxmi Overbridge are being acquired under the Land Acquisition Act. The construction of the Victoria Road Overbridge by the Port Trust is nearing completion. The land required for the extension of Frere Overbridge near Grant Road having been acquired the work of construction is nearing completion. The works of widening the Ollivant Overbridge and the Hancock Bridge are in progress.

## LIGHTING.

36. 7,393 gas lamps, including 303 high pressure gas burners of various candle powers, were maintained during the year at a cost of Rs. 5,95,024 as against the expenditure of Rs. 4,20,279 over 7,322 gas lamps, including 291 high pressure gas burners in the previous year. The increase in expenditure is due to enhanced rates charged by the Gas Company. The charge for an ordinary gas lamp with one burner is Rs. 72 per annum. 59 electric lamps of various intensity were maintained at a cost of Rs. 7,468. The number of ordinary kerosene oil lamps was 664 on which the expenditure was Rs. 30,680, giving a rate of Rs. 46-3-0 per lamp per annum. The number of Alladin Incandescent Oil Lamps was the same as in the previous year, *viz.*, 164. These were maintained at a cost of Rs. 73,109, giving a rate of Rs. 446 per lamp per annum. These lamps are not only very costly but have failed to give satisfaction. They should be done away with as soon as possible.

The scheme of improving the lighting of residential roads of 40 feet and under by converting the 60 candle power vertical gas burner lamps into 80 candle power inverted ones sanctioned by the Corporation was taken in hand and out of 3,000 lamps 1,500 were thus converted during the year of report. The work of providing electric lamps of from 250 to 1,000 candle power at 47 important junctions approved by the Corporation is in progress. Proposals for providing electric lamps of high candle power on Sandhurst Road, Grant Road, Kalbadevi Road and a portion of Bhendy Bazar Road have been sanctioned by the Corporation. This work is entrusted to the B. E. S. & Tramways Company at an estimated cost of Rs. 53,000.

A new type of gas lamp of low pressure but high candle power called the "Littleton" was tried during the year and was found both economical and efficient, and orders have been placed for 62 of these lamps of varying powers from 400 to 1,440.

## WORKSHOPS.

37. The value of the departmental and private works turned out at the Workshops has been computed at Rs. 6,64,742 against Rs. 7,20,815 during the preceding year, the net result of the year's transactions being a balance of Rs. 39,388 in favour of the workshops against Rs. 46,174 in the year previous. In calculating this profit no portion of the salary of the Deputy Executive Engineer, Mechanical Branch, no interest and sinking fund charges on capital and no depreciation on buildings and machinery has been allowed for. The land required for the extension of the workshops is being acquired. A complete inspection of small workshops and factories coming within the purview of the Municipal Act was carried out. 311 applications for licenses and 254 cases in connection with the casting of metal, blacksmith's shops and nuisance due to smoke or smell, etc., were disposed of during the year.

## WATER WORKS.

38. The Water works were maintained in a state of efficiency throughout the year. There was satisfactory rainfall at all the Municipal lakes and all of them overflowed except Vehar. At Tansa Lake the rainfall was 91·90 inches against 100·40 inches in 1921 and was two per cent. above the average for the preceding five years ; at Vehar it was 85·63 inches against 104·90 inches in 1921 and was 5 per cent. above the average ; at Tulsi it was 102·55 inches against 126·14 inches in 1921 and was ½ per cent. above the average; at Powai it was 83·95 inches against 55·25 inches in 1921 and was 5 per cent. above the average. Tansa Lake overflowed continuously from the 31st July to 8th October 1922. Tulsi Lake overflowed from 2nd August to 28th September 1922. Powai Lake overflowed from the 7th July to 3rd October 1922. Vehar Lake did not overflow.

The lowest level to which water was drawn from the different lakes before the break of the monsoon was 401·69 feet above T. H. D. in the case of Tansa, 432·29 feet above T. H. D. in the case of Tulsi and 242.90 feet above T. H. D. in the case of Vehar. No water was drawn from the Powai Lake.

39. 703 new water connections were made and 36 were cut off for various reasons, but all of which were restored. There were, therefore, 28,701 connections against 27,998 at the close of the preceding year. Of these, 1,954 were metered against 1,996 in the year 1921-22.

40. 18,598 underground and 38,339 aboveground leaks or defects were detected and remedied by the Waste Prevention Branch of the Water Works Department. In the latter figure are included 12,664 taps found out of order and 79 taps left open. Owing to these leaks or defects, water to an extent of about 2,309,070 gallons in the aggregate per hour was running to waste. The Water Supply Committee of the Corporation are considering proposals to strengthen the Repair Section of the Waste Prevention Branch in order to prevent the leakage of water, which is not insignificant. The total length of mains of all sizes sounded was 200 miles and 563 feet. The work of renewing and replacing existing water mains in the City and of laying additional mains was continued during the year and about 49,623 feet of new pipes were laid against 50,302 feet in the preceding twelve months.

41. The mechanical filter plant at Tulsi Lake which has been under construction since 1919 and was expected to be completed and brought into use during the year, was still incomplete, the contractors having failed to fulfil their contract. The new Pumping Plant and Filters at Powai though ready were not found efficient. Powai water could not therefore be brought into the City for use.

42. The progress made with the various works in connection with the Tansa Completion Scheme, which is described in detail at pages 196-199 of the Administration Report, is very satisfactory and gives every hope of all the works being completed within the anticipated time.

The question as to whether Tansa water would require filtration has been referred for the opinion of Sir Alexander Houston and Lt.-Col. W. W. Clemesha. The latter came to Bombay and continued his investigations. Their report is awaited with interest.

## FIRE BRIGADE.

43. Throughout the year the Fire Brigade was maintained in a state of thorough efficiency. There were 574 calls to fires, of which 135 were false alarms. Of these only 43 appear to be mischievous. The Fire Alarm System continued to work satisfactorily. Of the 574 calls to fires, about 59 per cent. were received through Fire Alarms against 61 per cent. in the preceding year. There are now 112 Fire Alarms in the City and 15 more are shortly to be added to the number. Certain experiments are being carried out for improving the system, which if successful will be adopted. The actual number of fires was 294 against 332 in the previous year. Of these 169 fires were extinguished by the Brigade and 125 were extinguished before its arrival. The total damage to property by fire is estimated at Rs. 22,57,137 against Rs. 40,46,289 in the preceding year, showing a decrease of Rs. 17,89,152. Of the total amount of damage, Rs. 20,45,082 represented insured, and Rs. 2,12,055 uninsured property. Seven persons lost their lives at the fires during the year and eight more received minor injuries and have since recovered. The Brigade attended at 26 cases of fallen houses, at which 17 persons lost their lives, 1 person received such injuries that he subsequently succumbed thereto, and 28 persons received slight injuries. The water supply on the whole was satisfactory throughout the year. Sea water was also used at some of the fires.

44. The Brigade inspected 138 premises in connection with dangerous trades, etc., and all theatres and cinema halls. The work of new Dock Station at Frere Road was commenced. The plans and estimates for the new Fort Station at Mint Road were modified but the commencement of the work is not within sight. Plans and estimates for a new sub-station on Central Avenue for the New Cotton Depot at Mazagon are being prepared. It has been decided to construct a new full station near the site of the existing sub-station at Mori Road and to postpone the construction of the proposed new station at Naigaum Tank, Dadar, as the portion of the island to serve which the Dadar Station was proposed to be built would be equally well served by the Mahim Station on the North and West and by the proposed new Sewree Station on the East. The Motor Ambulance Service presented by Bai Jerbai N. Wadia for street and other accidents worked satisfactorily and is becoming increasingly popular and the demands made upon it are greater than can be met. There were 466 accident calls and 835 private hire calls during the year and the total number of persons carried was 1,025 and the distance run was 11,394 miles.

## PUBLIC GARDENS.

45. All the ten Municipal gardens were maintained satisfactorily as usual. The number of visitors at the Victoria Gardens in the year of report was 21,31,732 against 21,93,538 in the year previous, showing a decrease of 61,806. This decrease has been attributed to the general depression in the City. The number of band performances at the gardens was 14, the same as in the previous year, whilst the performances at the Esplanade and Chowpaty Bandstands were respectively 72 and 14 against 70 and 17 in the preceding twelve months. 7 band performances were also given at the Sir Pherozeshah Metha Gardens during the year. 14 Concerts

of Indian Music were given at the Victoria Gardens on certain Sunday afternoons specially with a view to attracting and entertaining the working classes, but they do not appear to have been well patronised.

46. Among the animals born in the Victoria Gardens during the year, were 12 Lions, 3 Tigers, 4 Spotted Deer, 2 Sambhars, 1 Great Wallaroo, 1 Hog Deer, 3 Indian Antelopes, 1 four-horned Antelope and 1 Mangoose Lemour. Of these 6 Lion cubs were sold for Rs. 2,400. Among other additions to the Zoo at the gardens may be mentioned a male Ostrich, a male Tiger, a Brown Bear, a Sloth Bear and a pair of Canadian Geese. The elephant in the gardens, which being now old, is often ailing, was available to children for rides. The old camel having been destroyed owing to cancer in the foot, a new and young camel was obtained from Karachi, but was not used for riding purposes. Plague, Rinderpest and Anthrax caused some losses amongst the animals. A rare animal—the Banteng—obtained from Burma succumbed to Rinderpest. The Director and his Staff at the Parel Bacteriological Laboratory kindly made *post mortem* and bacteriological examinations of dead animals in the gardens as usual, for which the thanks of the Corporation are due to them. Thanks are also due to the B. B. & C. I. and the G. I. P. Railways for granting concessions for the transport of animals.

47. VICTORIA AND ALBERT MUSEUM.—The total number of visitors to the Museum was 1,292,492 against 1,267,059 in 1921-22. Amongst the gifts made to the Museum during the year may be mentioned specimens of glass chimneys of different sizes, founts, globes for Hurricane lanterns, table lamps, decorated dishes, shades of electric lights, glass and roofing tiles manufactured by Messrs. Oagle and Co. at Karad in Satara District, a collection of different specimens of ceramic ware from Indian clay by the Curator and Secretary of the Museum prepared by him at the School of Art. The thanks of the Corporation are due to these and other donors for their valuable and interesting presents. The clay model of Shivaji which was presented by Messrs. Gokhale Brothers last year was exhibited in a show case specially prepared and draped in Oriental style with brocade and silk. A fine Terra-Cotta figure of a Lady made in Bombay being the first of its kind and exhibited at the Art Exhibition in Bombay was purchased during the year. Numerous other interesting specimens have been added. Great attention has been bestowed on the arrangement of the specimens. The Curator of the Museum is preparing a book or a guide in which all available information about the different specimens of arts and industries will be given. The Assistant Curator has made a study of the different sectarian marks used by the Hindus, the result of which will be set out in a small brochure with illustrations. Clay models will be made showing how the different *insignia* and marks were worn by the followers of the different Indian sects from ancient time.

## HEALTH DEPARTMENT.

48. The population of the City at the census of 1921, was 1,175,914 against 979,445, at the preceding census of 1911 showing an increase of 196,469. This increase is very remarkable and it is fallacious to base the birth rate and death rate of an ever-increasing population of the city on the figures of census which are increasing daily. This has led Government to pass their Resolution, General Department, No. 2547, dated the 4th July 1922, in which they have authorized the use of estimated population in calculating death rates and birth rates. The Health Officer has therefore worked out his figures on this basis and he describes the method as follows :—

> " The method adopted assumes that in each year the increase will be 19,646·9 or $\frac{1}{10}$th of the increase which took place in the decennium 1911-1921. Since the estimate is for the middle of the year and the Census was taken on 18th March $\frac{1}{4}$th of the annual

increase has been added to the Census Population to obtain the estimated population in the middle of the year 1921, which thus serves as the starting point for the annual additions of 19,646·9 as shown in the following tabular statement :—

| | | |
|---|---|---|
| Census Population of March | 1921 .. ... .. | 1,175,914 |
| Estimated Population in the Middle of the year | 1921 .. .. .. | 1,180,826 |
| ,, ,, ,, | 1922 .. .. .. | 1,200,473 |
| ,, ,, ,, | 1923 .. .. .. | 1,220,120 |
| ,, ,, ,, | 1924 .. .. .. | 1,239,767 |
| ,, ,, ,, | 1925 .. .. .. | 1,259,414 |
| ,, ,, ,, | 1926 .. .. .. | 1,279,061 |
| ,, ,, ,, | 1927 .. .. .. | 1,296,708 |
| ,, ,, ,, | 1928 .. .. .. | 1,318,355 |
| ,, ,, ,, | 1929 .. .. .. | 1,338,002 |
| ,, ,, ,, | 1930 .. .. .. | 1,357,649 |
| ,, ,, March | 1931 .. .. .. | 1,372,333 |

The estimated population in March 1931 is arrived at by adding ¾ths of the annual increase to the estimated population in the middle of 1930."

49. The health conditions of the City during the year 1922 were very satisfactory as the death rate in the year was 31·06 per 1,000 of persons living being the lowest on record since 1895 with the exception of the rate for 1915. The total deaths for the year numbered 37,295 being 16,312 less than 1921, 14,670 less than the average of the last five years (1917-21) and 4,373 less than the average of the preceding decennium (1912-21). Cholera caused 15 deaths as against 70 in the pervious year, small-pox deaths during the year numbered 61 as against 406 in the previous year, deaths from Plague were 632 during the year as against 811 in 1921, Influenza was responsible for 258 as against 1,389 in the previous year, diseases of the Respiratory system, to which deaths from Influenza are frequently attributed, took a toll of 13,614 as against 21,982 in the preceding year, deaths from Tuberculosis were 1,473 in the year under report as against 1,614 in the previous year. Malaria was responsible for 485 deaths as against 545 in 1921. The number of live births registered in the year was 20,452 as against 19,125 in the last year and that of deaths among infants under one year was 8,236 as against 12,751 in 1921. Thus it will be seen that the mortality in all the cases mentioned was lower in the year under report than that in the previous year.

50. 20,452 births (excluding still births) were registered during the calendar year 1922 against 19,125 during the preceding twelve months. This gives a birth-rate of 17·03 calculated on the estimated population and a birth rate of 17·39 on the census population of 1921 as against 16·26 in the previous 12 months.

51. Of the 37,297 deaths that occurred during the year the largest number of 13,614 deaths was ascribed to diseases of the respiratory system as against 21,982 in the preceding year. Congenital debility and diseases of early infancy caused the next higher mortality, 3,684 against 4,395 in 1921. Malaria, Ague and Remittent Fever together accounted for 3,188 deaths against 4,779 in the preceding 12 months. The Anti-Malarial measures were vigorously pushed forward. 41 wells were filled in, 18 were covered hermetically and 11 were covered with trap doors. 5,065 cisterns were covered hermetically, 10,869 pools were treated with pesterine, 20 low-lying lands were filled in, 5,715 children were examined for spleen and 13,775 quinine pills and 30,090 cinchona fabrifuge tablets were distributed during the fever season. Tuberculosis caused 1,473 deaths against 1,614 in the previous year. Of these 1,325 were due to phthisis (Pulmonary tuberculosis) and 148 to other tuberculosis diseases. The work of the Anti-Tuberculosis League was carried on as before in close co-operation with the Health Department. 1,181 patients availed themselves of the treatment given at the League's two dispensaries at the Princess Street and Kamathipura and 132 new patients were admitted to the League's Sanitarium on Bhoiwada Hill at Parel. Of the latter 32 were discharged cured, 50 were discharged at request, 26 died and 24 were under treatment at the end of the year. The X-ray apparatus has been very useful in diagnosing cases of pulmonary tuberculosis and the treatment of tuberculosis glands.

52. The lowest death-rate recorded was among the Banias being 10·43 against 11·86 in the preceding year. The Europeans followed the Banias with a death-rate of 13·32 against 19·89 in 1921. The death-rate amongst the Brahmins was the next lowest, being 19·36 against 25·38. Amongst the Parsees it was 23·30 against 30·97, amongst Bhatias 23·66 against 31·61 ; amongst Jews 28·82 against 39·87, amongst Hindus of all castes 29·46 against 45·13 and amongst Hindus of other caste 29·51 against 43·27 in the previous year. As was the case last year the Mahomedans, recorded the highest death-rate, *viz.*, 42·34 against 55·40 in 1921.

53. In the year of report there were 8,236 deaths among infants upto one year of age, showing a decrease of 4,515 over those of the preceding year, of 3,540 over the quinquennial average of 1917-21 and of 1,605 over the decennial average of 1912-21. The death-rate per mille of births registered was 403 against 667 in 1921. From the following statement it will be observed that of the 20,452 live-births registered during the year, 15,079 or 73·72 per cent. occurred in families living in a single room tenement or sharing it with others, and that the number of deaths among such was 7,102 or 86·23 per cent. of the total infant mortality :—

| —— | 1 room and under. | 2 rooms. | 3 rooms. | 4 or more rooms. | Road side. | Hospitals. | Total. |
|---|---|---|---|---|---|---|---|
| Births .. .. .. | 15,079 | 973 | 351 | 273 | 44 | 3,732 | 20,452 |
| Infant mortality .. | 7,102 | 424 | 148 | 82 | 17 | 463 | 236 |
| Infant mortality per 100 births registered 1922 .. | 47·09 | 43·57 | 42·16 | 30·03 | 38·63 | 15·05 | 40·27 |
| 1921 .. | 82·85 | 32·19 | 19·14 | 13·33 | 48·48 | 18·96 | 66·67 |

At the two Infant Milk Depots, one established at the Bellasis Road Maternity Home and the other at the Parel Road Maternity Home, 21,358 seers of milk were distributed free or at a nominal price for the benefit of children born in the Homes or under the supervision of Municipal nurses. In addition to this about 66,916 seers of milk were distributed partly free of charge and partly at a nominal price for the benefit of infants attending at the five Centres opened by the Infant Welfare Society.

54. The Municipal Nurses and Midwives attended 1,259 confinements against 1,215 in 1921 and paid 59,408 house-to-house visits against 25,968 in the previous year. 786 women were admitted in the Municipal Maternity Home at Bellasis Road, of whom 744 were confined against 691 confined in the preceding year out of 745 cases admitted. In the Home at Parel, 460 women were confined out of 527 admitted as against 413 women confined out of 487 admitted in 1921. In the Mahomed Haji Saboo Sidick Maternity Home at Imamwada Road 423 women were confined out of 471 admitted against 340 women confined out of 403 admitted in the preceding year. Proposals for the establishment of additional Homes at Mahim and at Byculla near the Victoria Gardens have been approved by the Corporation and steps are being taken to establish them as soon as possible.

55. 71,020 persons availed themselves of the free medical aid given at the Municipal dispensaries against 77,963 in 1921. Of these, 1,615 patients were seen at their houses. The number of persons treated at the Aided Charitable Dispensaries at Colaba and Victoria Bunder was 3,924. Dr. D. D. Sathaye,

Dr. N. N. Karani and Dr. R. D. P. Mody attended at the Free Ophthalmic Dispensary opened in the Sanitary Institute at Princess Street. The thanks of the Corporation are due to these gentlemen for their wholly charitable work.

56. There were 380 admissions to the Arthur Road Hospital against 952 in the previous year. Of these, 84 were cases of Small-pox, 72 of Chicken-pox, 85 of Cerebro-spinal Meningitis, 14 of Measles, 10 of Cholera and 115 of other diseases. 101 cases proved fatal, 19 being Small-pox cases, 57 Cerebro-spinal Meningitis, 6 Cholera, 1 Measles and 18 other diseases. There was no fatality amongst the Chicken-pox cases. The fatality rate for all diseases was 26·1 per cent. against 24·5 per cent. for the preceding year. The incidence of Small-pox mortality amongst the vaccinated and the unvaccinated was 7·1 and 38·1 per cent.,respectively, proving as usual the efficacy of vaccination in reducing the case mortality rate amongst those protected by it. The admissions to the Maratha Hospital numbered 584 against 1,071 in 1921. Of these, 234 were cases of Plague, 161 of Relapsing Fever, 59 Malaria, 47 Influenza, and 83 of other diseases. In all 257 cases proved fatal. Of these, 180 were of Plague, 45 of Relapsing Fever, 11 of Influenza, and 32 of other diseases.

57. During the year of the report, 5,304 samples were examined in the Municipal Laboratory against 3,095 in 1921. Of the 5,304 samples examined during the year, 3,618 were examined chemically and 1,686 bacteriologically. Of the 3,618 samples examined chemically, 2,900 were of milk. Of the latter, 2,866 were sent by the Assistant Health Officers for legal purposes. Of these, 1,760 were found to be adulterated. Prosecution was instituted in 1,393 cases with the result that conviction was effected in 1,134 cases and the fines inflicted aggregated Rs. 32,043. 434 capillary tubes of Glycerinated Vaccine were examined for the presence of pathogenic micro-organisms before being used for the Vaccination Department, and in none of the tubes were the organisms detected.

## LICENSES.

58. The number of licenses issued increased from 12,836 in the previous year to 13,320 in the year of report, which resulted in the receipts being enhanced from Rs. 1,31,790 to Rs. 1,33,725. The increase of 484 in the number of licenses issued was in respect of charcoal shops, eating houses, fire-works, matches, noisy trade, permits under Section 390, liquid fuel storages under the Indian Petroleum Act 1899 and sweet-meat shops. 4,071 prosecutions were instituted during the year and the total amount of fines inflicted was Rs. 15,370 against Rs. 20,563 in the previous year. There was a long-standing dispute between the vegetable oil merchants and the Commissioner as to the maximum quantity of the oil which should be allowed to be stored in various shops and godowns in the city. By their Resolution No. 9695, dated the 15th February 1923, the Corporation decided that in the case of shops and godowns under dwellings, a quantity not exceeding 3,000 gallons and in the case of non-residential places a quantity not exceeding 8,000 gallons may be allowed to be stored. Licenses were accordingly issued in March for all shops and godowns which were not licensed for the two previous years.

## MARKETS.

59. The thirteen Municipal Markets were maintained during the year. The receipts from the Markets and Slaughter-Houses increased from Rs. 9,07,038 in the previous year to Rs. 10,30,104. This enhancement was principally due to the increase (1) of about Rs. 25,020 in the revenue during the year from stall rents which were revised from 1st October 1921, (2) of about Rs. 31,600 in the receipts from squatters' fees and scale fees, and (3) of about Rs. 12,430 in the fees for licensing private markets which were also revised. There was, however, a further decrease of Rs. 10,000 in addition to the previous year's decrease of Rs. 14,500 in the revenue derived from the sale of the right for recovering feeding and fair ground fees. This decrease was due to a reduction in the number of cows, bullocks and calves

slaughtered during the year owing to the order passed by the Corporation on 3rd March 1921, prohibiting the slaughter of male cattle under 3 years of age, of female cattle under 4 years of age and of cows and buffaloes in calf.

60. During the year under review the work of constructing the Refrigerator at the A. C. Market was completed. It has been brought into use from the 23rd December 1922 and has proved not only a boon to the traders in fish, fruit, etc., but a profitable investment to the Municipality.

61. The quantity of unwholesome food destroyed during the year was 276,805 lbs. against 289,726 lbs. in the preceding year. The quantity of contraband meat seized and destroyed was 38,718 lbs. against 5,119 lbs. in 1921-22.

## Primary Education.

62. The administration of the Schools Committee continued to show marked progress in various directions. 36 new schools were opened, and 2 private schools were taken over for being maintained as Municipal Schools. Of these one was amalgamated with a Municipal School. Of the new Schools 11 were Marathi (including 3 Night Schools), 6 Gujerathi and 19 Urdu (including 6 Night Schools). Special efforts were made to bring the education of Moslem girls in line with that of Marathi and Gujerati girls and 11 new Urdu Girls' Schools were opened. There were in all 334 schools with 36,840 pupils against 298 schools with 35,062 pupils in the preceding year, showing an increase of 36 schools and 1,778 pupils. The Municipal Schools for the Depressed Classes numbered 23 against 22 in the previous year. The number of Aided Schools was the same as in the previous year, *viz.*, 147 and the number of pupils attending these schools decreased from 15,386 to 15,042. The total grants-in-aid given to the schools amounted to Rs. 1,44,795 against Rs. 1,44,500 for the preceding year. The Schools Committee's receipts and expenditure aggregated Rs. 21,76,237 and Rs. 22,23,892 respectively against Rs. 19,63,573 and Rs. 19,31,065 respectively in the preceding year, the increase of about Rs. 3 lakhs in expenditure being accounted for by the annual increments of salaries of employees of the Schools Committee, the opening of new schools, provision of better quarters and equipment for some of the schools, and the employment of additional ordinary teachers and special teachers for teaching special subjects. The average cost per pupil in the previous year was Rs. 51·9. The corresponding figure for the year under review is not in the report.

63. The ratio of trained teachers to untrained teachers was 483 to 356 in Marathi Schools, and 287 to 103 in Gujerati Schools. In the Urdu Schools, however, it was 109 to 333. Efforts to increase the proportion of trained teachers were continued during the year with the result that at the end of the year there were 879 trained teachers out of 1,671 as against 811 out of 1,558 at the end of the previous year. If out of 792 untrained teachers, 150 teachers who have passed the local Qualified Teachers' Examination are excluded, the number of teachers without any training qualification is reduced to 642 out of a total 1,671 teachers. The number of special teachers for drill, drawing, music and needle work increased from 112 to 131.

64. No new Municipal School Building could be added to the existing ones which numbered eleven. In addition to the accommodation secured for the new schools opened during the year, 34 old schools were removed to better premises and 23 others were provided with additional accommodation. Two important donations received during the year are worth noting. One was a sum of Rs. 25,000 paid by Bai Janabai Rokde on the condition that the Madhavrao Rokde Free Boys' School founded by and named after her father be taken over by the Schools Committee to be maintained as a Free Municipal School and located in a building of its own. The second was a gift of a small but well-built building with a compound and Gymnastic Apparatus at Antop Hill, Matunga, made by Khan Bahadur Hakim Mohamed Dayam on the condition that the Schools Committee will maintain a Marathi Boys' School in the building under the name of the Haji Ismail Haji Alana School.

65. The medical inspection of Municipal School children was continued during the year by the special medical staff of the Schools Committee and the details given at pages 236-237 of the report show that the inspection is proving very useful. A new departure of importance was made during the year by the addition of a travelling Dental clinics in charge of a dental specialist who, during a period of 6½ months which he had before him, performed 685 operations on 156 Boys and 105 Girls, the operations consisting of 457 fillings of decayed teeth, 176 extractions and 52 general treatment. The success of this clinics shows that the next step should be to have such clinics for the ear and the eye.

66. A scheme for the introduction of a free and compulsory primary education in F and G Wards to start with was approved by the Corporation and was sent to Government for sanction. This has been withheld by Government apparently in view of certain questions raised by them in regard to their exact liability in respect of the expenditure on primary education in this City, which are under discussion between the Corporation and Government.

## Conclusion.

67. In conclusion the Standing Committee have much pleasure in putting on record their high appreciation of the able and successful administration of Municipal affairs by Mr. H. B. Clayton, C.I.E., I.C.S., and Mr. R. P. Masani, M.A., during the year.

MUNICIPAL CORPORATION OFFICE,
BOMBAY, 14th *May* 1924.

BYRAMJEE JEEJEEBHOY,
Chairman, Standing Committee.

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The Times Press, Bombay—1307·24

# Annual Administration Report of the Municipal Commissioner for the City of Bombay for the Year 1922-23.

## I.—Corporation and Standing Committee.

### THE CORPORATION.

1. Mr. Mirza Ali Mahomed Khan, M.A., LL.B., was appointed President of the Corporation at a meeting, held on the 10th April 1922 and held that appointment throughout the year.

2. One hundred and eleven meetings of the Corporation and one hundred and twenty-nine meetings of the Committees of the Corporation other than the Standing Committee were held during the year.

3. The following changes took place during the year in the personnel of the Corporation :—

Mr. P. A. Kelly was appointed by Government on 16th February 1922 in the vacancy caused by the resignation of Mr. W. C. Holman.

Mr. R. H. A. Delves resigned on 12th October 1922 and in his place Mr. E. G. Turner, I.C.S., was appointed by Government on 26th October 1922.

Mr. F. W. Petch was appointed by Government on 26th September 1922 in the vacancy caused by the resignation of Mr. A. S. Osborne.

Mr. D. S. Shellim resigned on 23rd October 1922 and Mr. Meyer Nissim, M.A., was appointed in his place by Government on 6th November 1922.

Mr. Vasanji Thakersi Halai was disqualified for being a councillor owing to his having been adjudicated insolvent by the High Court of Bombay and in his place Mr. Hormusji Maneckji Chowna was elected by the ratepayers of A Ward on the 13th November 1922.

4. The following Councillors were absent from the meetings of the Corporation for the period shown below for reasons approved by the Corporation under Section 17 (*b*) of the Municipal Act :—

| Name. | Period. |
|---|---|
| 1. Mr. H. J. Davis .. .. .. .. .. | From 27th April to 28th September 1922. |
| 2. Mr. Fazal Ibrahim Rahimtulla, B.A.. .. | From 12th June to 4th September 1922. |
| 3. Sir Jamsetjee Jeejeebhoy, Bart., K.C.S.I. .. | From 4th May to 30th October 1922. |
| 4. Mr. Jehangir Bomanji Petit . .. .. | From 21st September to 21st December 1922. |
| 5. Dr. Nadirshaw H. E. Sukhia, L.M. & S., L.V. Sc., F.R.S.I. (London). | From 20th April to 28th September 1922. |
| 6. Mr. N. M. Joshi, B.A., C.I.E. .. .. .. | From 2nd October to 30th November 1922. |

### THE STANDING COMMITTEE.

5. Dr. Moreshvar C. Javle was appointed Chairman of the Standing Committee at a meeting, held on the 19th April 1922, and held that appointment throughout the year.

6. There were 52 regular meetings and two special meetings of the Standing Committee and eleven meetings of the Sub-Committees thereof.

7. There were fifty-one attendances of members for the Audit of Municipal Accounts and ninety-nine for signing of cheques.

8. The following changes took place during the year in the personnel of the Standing Committee :—

Mr. C. W. E. Arbuthnot, B.E., B.A. (R.U.I.), resigned on the 25th October 1922 and in his place Mr. E. G. Turner, I.C.S., was appointed by Government on the 31st October 1922.

Mr. W. C. Holman resigned on the 1st June 1922 and in his place Mr. P. A. Kelly was appointed by Government on the 16th June 1922.

9. The following is the list of Municipal Councillors who held office on the 31st March 1923 :—

†‡ Mr. MIRZA ALI MOHAMMED KHAN, M.A., LL.B., J.P., *G.*—*President.*

ABDUL KADER BAWLA, Mr., *R* (B Ward).
AHMAD HAJI SIDIK KHATRI, Mr., *R* (E Ward).
† ANANTA KRISHNA PAI, Rao Bahadur, B.A., *R* (D Ward).
ARBUTHNOT, C. W. E., Mr., B.E., B.A. (R.U.I.), J.P., *G.*
BAPTISTA, JOSEPH, Mr., L.C.E. (Bombay), B.A., LL.B. (Cantab.), Bar.-at-Law, *R* (E Ward).
** BARJORJI SORABJI N. COOPER, Mr., J.P., *J.*
BEHRAMJI NAVROSJI GAMUDIA, Mr., B.A., J.P., *R* (A Ward).
BHAGWANTRAO GANGADHAR PARELKAR, Mr., *R* (F Ward)
† BHAVANIDAS NARANDAS MOTIVALA, Mr., B.A., LL.B., *R* (C Ward).
** BYRAMJEE JEEJEEBHOY, Mr., J.P., *J.*
* COCKE, H. G., Mr, J.P., *CC.*
DAVIS, H. J., Mr., *G.*
‖ D'MONTE, D. A., Dr., M.D., L.R.C.P. (London), L.M. & S., M.R.C.S., J.P., *G.*
† DINSHA BAMANJI PESTANJI MASTER, Dr., L.M. &S., J.P., *R* (C Ward).
§ DINSHAW MANOCKJI PETIT, Sir, Bart., J.P., *J.*
***†¶ FAZAL IBRAHIM RAHIMTULLA, Mr., B.A., *R* (B Ward).
* FERNANDES, Major CAJETAN, M.D., F.C.P.S., I.M.S., M.L.C., J.P., *J.*
FRY, JOHN T., Mr., *G.*
GULABCHAND DEVCHAND, Mr., *R* (C Ward).
HANSRAJ PRAGJI THACKERSEY, Mr., J.P., *R* (C Ward).
HOOSEINBHOY ABDOOLABHOY LALLJEE, Mr., *R* (B Ward).
* HOOSENALLY M. RAHIMTOOLA, Mr., B.A., *G.*
HORMUSJI MANEKJI CHOWNA, Mr., J.P., *R* (A Ward).
HUGHES, R. D., Mr., J.P., *G.*
‡ H. P. MODY, Mr., M.A., LL.B., *R* (D Ward).
ISHWARDAS LAKHMIDAS, Mr., J.P., *J.*
† JAMNADAS MADHAVJI MEHTA, Mr., M.A., LL.B., Bar. at-Law, *R* (D Ward).
JAMSETJEE JEJEEBHOY, Sir, Bart., K.C.S.I., M.L.A., J.P., *J.*
* JEHANGIR B. BAMAN-BEHRAM, Mr., B.A., LL.B., J.P., *R* (A Ward).
JEHANGIR BOMANJEE PETIT, Mr., M.L.C., J.P., *J.*
†¶¶ JEHANGIR J. CURSETJI, Dr., M.D., L.R.C.P., L.R.C.S., *R* (C Ward).
JETHALAL VANMALIDAS VORA, Dr., L.M. & S., *R* (B Ward).
KANJI DWARKADAS, Mr., M.A., M.L.C., *R* (A Ward).
KASHINATH D. KHOTE, Mr., J.P., *J.*
‖‡ KAVASJI EDALJI DADACHANJI, Dr., L.M. & S., M.L.C., J.P., *R* (D Ward).
* KELLY, P. A., Mr., J.P., *G.*
KHARSHEDJI SORABJI DHONDY, Mr., *R* (E Ward).
KHURSHED FRAMJI NARIMAN, Mr, B.A., LL.B., *R* (D Ward).
MAHOMED HAJEEBHOY, Mr., M.L.A., J.P., *J.*
* MAHOMED HOOSEN A. HAVELIVALA, Mr., M.L.C., Bar.-at-Law, J.P., *J.*
MAHOMEDBHOY CURRIMBHOY, Mr., J.P., *G.*
MANGESHRAO ANANDRAO DABHOLKAR, Mr., *R* (G Ward).
MIA MAHMAD HAJI JAN MAHMAD CHOTANI, Mr., R (B Ward).
† MOHAMED ISMAIL CURTAY, Mr., J.P., *R* (C Ward).
*† MORESHWAR CHINTAMAN JAVLE, Dr., J.P., *R* (G Ward), (*Chairman, Standing Committee*).
MOTIRAM BALKRISHNA VELKAR, Dr., L.M. & S., *R* (C Ward).
¶ NADIRSHAW H. E. SUKHIA, Dr., L.M. & S., L.V.SC., F.R.S.I. (London), J.P., *R* (A Ward).
‡ NAOROJI M. DUMASIA, Mr., M.L.C., J.P., *J.*
† NARAYAN VISHVANATH MANDLIK, Mr., B.A., LL.B., J.P., *J.*
N. A. F. MOOS, Dr., D.SC., L.C.E., F.R.S.E., J.P., *U.*
† N. M. JOSHI, Mr., C.I.E., B.A., M.L.A., J.P., *G.*
NISSIM, MEYER, Mr., M.A., *G.*
PETCH, F. W., Mr., *G.*
* PHEROZESHAH JEHANGIR MARZBAN, Mr., M.A., J.P., *R* (A Ward).
*** ‡‖ PHIROZE CURSETJI SETHNA, The Hon'ble Mr., O.B.E., J.P., *J.*
* POONSEY HIRJI MEISHERI, Dr., L.M. & S., J.P., *R* (B Ward).
PORTLOCK, F., Mr., *CC.*
* RAHIMTOOLA MEHERALLY CHINOY, Mr., J.P., *G.*
R. K. PEERBHOY, Mr., B.A., LL.B. (Cantab.), Bar.-at-Law, *R* (B Ward).
RAJARAM TUKARAM, Mr., M.B.E., *R* (C Ward).
* RASTAMJI N. R. RANINA, Dr., L.M. & S., J.P., *J.*
† RATANSHAH TEMULJI NARIMAN, Dr., M.D., F.R.M.S., J.P., *J.*
SALEBHOY KARIMJI BARODAWALLA, Mr., M.L.A., J.P., *R* (E Ward).
SAYAJI LAKSHMAN SILAM, Mr., B.A., LL.B., *R* (E Ward).
‖ SHIAVUX SORABJI BATLIWALA, Dr., L.M. & S., F.C.P.S., M.L.C., J.P., *R* (F Ward).
S. K. BOLE, Mr., M.L.C., J.P., *G.*
TEMULJI B. NARIMAN, Sir, Kt., M.R.C.P., L.M., F.C.P.S., J.P., *U.*
* TURNER, E. G., Mr., I.C.S., J.P., *G.*
‡‖ VASANTRAO ANANDRAO DABHOLKAR, Mr., O.B.E., M.L.C., J.P., *G.*
VIEGAS, ACCACIO, G., Dr., L.M. & S., J.P., *J.*
VITHALBHAI JAVERBHAI PATEL, Mr., Bar-at-Law, *R* (B Ward).

Note.—The letters against the names signify—*R*, that the Member was elected by the Rate-payers ; *J*, by the Justices of the Peace ; *CC*, by the Chamber of Commerce ; *U*, by the University ; and *G*. appointed by Government.

Note.—The marks against the names signify—*, Member of the Standing Committee ; †, Member of the Schools Committee ; ‡, Member of the Board of the City of Bombay Improvement Trust ; §, Member of the Board of the Victoria Jubilee Technical Institute ; ‖, Representative on the Board of Management of the Acworth Leper Asylum at Matunga ; **, Representative on the Board of Trustees of the Prince of Wales Museum of Western India ; * * *, Representative on the Port Trust ; ¶, Representative on the Advisory Committee in connection with the Bombay Development Scheme ; ¶¶, Representative on the Advisory Committee in connection with the Grant Medical College, Bombay.

10. I held charge of the office of Municipal Commissioner from the 1st April 1922 to 17th May 1922 and again from the 6th October 1922 to 31st March 1923. I was on combined leave during the intervening period and Mr. R. P. Masani, M.A., Deputy Municipal Commissioner, held charge of the office during my absence.

11. Mr. R. P. Masani, M.A., was Deputy Municipal Commissioner throughout the year except for the period he acted as Municipal Commissioner. Mr. H. K. Kirpalani, M.A., I.C.S., was appointed Personal Assistant to the Municipal Commissioner during that period.

## II.—Heads of Departments.

12. Mr. J. W. Mackison, B. Sc., M.I.C.E., Special Engineer, Development Works, was on privilege leave from 11th April 1922 to 18th May 1922 combined with furlough for nine days from the 19th May 1922.

13. Mr. H. J. T. Smith, M. Inst. C.E., Special Engineer, Tansa Completion Works, was on privilege leave from 5th June 1922 to 18th July 1922 combined with monsoon leave for two months and 25 days from 19th July 1922 to 13th October 1922. During his absence Mr. A. W. Stonebridge, A.M.I.C.E., Resident Engineer, South Tansa Completion Works, looked after his work.

14. Mr. D. D. Daruwalla, L.C.E., A.M. Inst. C.E., M. R. San. Inst., Senior Assistant Engineer, Drainage, continued to act for Mr. N. Maughan, M. Inst. C. E., M. R. San. Inst., Deputy Executive Engineer, Drainage, who was on combined leave upto the 25th January 1923.

15. Mr. H. Wald, Deputy Assessor and Town Duty Refund Officer, held the appointment of Superintendent, Electoral Department, from 1st April to 30th November 1922 and Mr. Kazi Abdul Razak acted as Deputy Assessor and Town Duty Officer during this period.

16. Mr. J. M. Doctor, C.M.Z.S., Superintendent of Gardens, was on combined leave from 2nd March 1922 to 5th October 1922 during which period Mr. S. N. Ranina, Assistant Superintendent, Zoo Collection, acted for him.

17. Rao Bahadur D. G. Padhye, M.A., Secretary, Schools Committee, was on privilege leave for 75 days from 2nd May 1922 to 15th July 1922 and Mr. H. G. Anjaria, M.A., LL.B., Superintendent, Gujrathi Schools, was appointed to act for him during his absence.

18. The following Officers continued in their respective appointments throughout the year 1922-23 :—

Mr. A. A. Moulvi, B.A., Municipal Secretary.

Dr. J. E. Sandilands, M.A., M.D., D.P.H., Executive Health Officer.

Mr. W. E. Waite, Chief Accountant.

Mr. T. K. Roddan, M. Inst. M.I.C.E., Executive Engineer.

Mr. W. A. Niven, A.M. Inst. C.E., Hydraulic Engineer.

Captain C. M. Flanders, V.S., R.A.V.C., Superintendent of Markets.

Mr. E. G. Gordon Cameron, A.M.I.C.E., M.R.S.I., Deputy Executive Engineer, Mechanical Branch.

Mr. R. G. Robottom, Assessor and Collector.

Mr. T. C. Greenop, Chief Officer, Fire Brigade.

Mr. N. S. Kowshik, Superintendent of Licenses.

Mr. Earnest R. Fern, Curator and Secretary, Victoria and Albert Museum.

Mr. K. N. R. Ranina, Store-keeper.

Mr. F. R. Melville, B. Sc., A.M.I.C.E., Deputy Engineer, Works.

## III.—Financial.

### I.—GENERAL.

19. There was an increase of Rs. 36,06,454 in the revenue for the year. The net result of the transactions for the year gives an excess revenue over expenditure as follows :—

| | Rs. |
|---|---|
| Revenue ... ... ... ... ... ... ... | 2,67,53,463 |
| Expenditure ... ... ... ... ... ... | 2,61,61,439 |
| Surplus ... ... | 5,92,024 |

20. The Working Cash Balance at the beginning of the year was Rs. 81,39,920 which included Rs. 17,95,108 for renewal of grants for 1921-22 and previous years Rs. 14,23,800 the value of stores in hand, Rs. 1,00,000 the minimum required to be reserved under the Municipal Act, Rs. 17,85,007 the contribution payable to the City Improvement Trust in 1922-23 and Rs. 10,27,135 the amount advanced for the purchase of plant and machinery. At the close of the year the working cash balance was Rs. 87,31,944 of which Rs. 21,11,307 represents grants for 1922-23 and previous years to be renewed, Rs. 15,35,032 the value of stores in hand, Rs. 1,00,000 the minimum required to be reserved by law, Rs. 19,07,255 the contribution payable to the City Improvement Trust in 1923-24 and Rs. 13,21,009 the amount advanced for the purchase of plant and machinery.

### II.—INCOME.

21. During the year the rates of General Fire and Water taxes were increased by 1½ per cent., ⅛ per cent., and ¾ per cent., respectively, over those of the preceding year and the rates of water supply by meter measurements were also varied as shown in para. 3 of the Chief Accountant's report. The receipts for the year, however, exceeded those of 1921-22 by Rs. 36,06,454. The principal increases are in (1) General Tax Rs. 20,12,014, (2) Cotton Import Duty Rs. 1,30,892, (3) Water Tax Rs. 12,29,353, (4) Wheel Tax and Government Contribution in lieu of Tolls Rs. 4,29,723, (5) Halalkhor Tax Rs. 2,72,378, (6) Fire Tax Rs. 1,41,232, and (7) Market Receipts Rs. 1,32,720. The large increases in revenue from Property Taxes were on account of increased rates of taxation. The decreases were under (1) Town

Duty Rs. 4,49,303, (2) Interest and Profit on investment of Surplus Loan and other Balances Rs. 97,756 and (3) Receipts on account of sale proceeds of Lands and Buildings Rs. 2,30,889, and (4) Ground Rent under VIII Roads and Overbridges Rs. 63,984.

22. The variations have been fully dealt with by the Chief Accountant in paras. 18 and 19 of his report in which as usual he makes an estimate of what may be taken to be the permanent increase in our income. For the year under report this is estimated at Rs. 42,50,000. With this increase in income, there has been an increase in the incidence of taxation per head, which works out at Rs. 20-2-4 for this year as against Rs. 16-15-3 for 1921-22, if the figures of the census of 1921 be taken as the basis of calculation.

23. As compared with the revised estimates the actual receipts showed a net decrease of Rs. 4,90,437.

## III.—EXPENDITURE.

24. The expenditure for the year totalled Rs. 2,61,61,439, an increase of Rs. 36,96,485 over the expenditure for 1921-22. The principal increases and decreases are dealt with in para. 11 of the Chief Accountant's report and the reasons thereof are shown in para 31. The demands on our Surplus Cash Balance continue to be very heavy and the amount available is still very small. The financial position therefore requires most careful consideration in view of the large improvement projects in hand and contemplated.

25. The total sanctioned grants for the year aggregated Rs. 2,92,77,069 and the expenditure amounted to Rs. 2,61,61,439. The unexpended balance was therefore Rs. 31,15,630 out of which grants aggregating Rs. 21,11,307 are required to be renewed for expenditure in 1923-24, leaving a net saving of Rs. 10,04,323. The savings in expenditure and renewal of grants are dealt with in paras. 27-30 of the Chief Accountant's report.

26. Additional grants sanctioned during the year aggregated Rs. 18,48,379 as against Rs. 14,79,365 for 1921-22.

## IV.—LOAN WORKS EXPENDITURE.

27. The expenditure on Loan Works executed out of Loan Funds amounted to Rs. 1,40,33,805 against Rs. 69,95,553 in 1921-22, an increase of Rs. 70,38,252 principally under (A) Buildings and Sanitary Structures, (B.) Roads and Overbridges and (C) Water Works.

## V.—PLAGUE EXPENDITURE.

28. The expenditure on Plague Operations for the year amounted to Rs. 1,20,869, an increase of Rs. 3,981 on the expenditure for 1921-22.

## VI.—CAPITAL DEBT.

29. To carry out the programme of Loan Works Rs. 50 lakhs were taken up by the Corporation during the year under report out of the loan of Rs. 1½ crores from Government at 6½ per cent. (Tax Free) with option to the Corporation to repay the loan after 15 years, and instalments of Rs. 115 lakhs out of the 140 lakhs loan were taken up from Government but the terms thereof have yet to be approved by them.

Reduction of debt during the year amounted to Rs. 4,39,017. The Capital liabilities of the Corporation were therefore increased from Rs. 9,47,76,867 to

Rs. 11,13,37,850. Against this debt the total Sinking Fund invested upto 31st March 1923 totalled Rs. 2,68,25,305 and the outstanding debentures of the Drainage Loan of 1878, 20 lakhs loan for Plague purposes, and 4½ lakhs loan for Fire Brigade Quarters and Stations not repaid, but covered by a renewed grant, amounted to Rs. 60,500, leaving a net debt liability of Rs. 8,44,52,045.

30. The different Sinking Fund Investments held on 31st March 1923 have been shown in para. 36 of the Chief Accountant's report.

## VII.—ASSETS AND LIABILITIES.

31. The revenue and capital assets of the Municipality at the close of the year, as compared with 1921-22, stand as follows :—

| | At the close of 1922-23. | | | At the close of 1921-22. | | | Increase. |
|---|---|---|---|---|---|---|---|
| —— | Revenue. | Capital. | Total. | Revenue. | Capital. | Total. | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Assets ... ... ... | 1,67,04,715 | 16,32,50,505 | 17,99,55,220 | 1,59,32,531 | 14,35,14,755 | 15,94,47,286 | 2,05,07,934 |
| Liabilities ... ... | 1,19,91,334 | 12,10,58,938 | 13,30,50,272 | 1,13,72,726 | 10,36,37,089 | 11,50,09,815 | 1,80,40,457 |
| Excess Assets over Liabilities... ... | 47,13,381 | 4,21,91,567 | 4,69,04,948 | 45,59,805 | 3,98,77,666 | 4,44,37,471 | 24,67,477 |

### SUSPENSE ACCOUNT.

32. The profit on Municipal Workshops was Rs. 39,390 as against Rs. 46,174 for the preceding year.

### STORES ACCOUNTS.

33. The balance of reserve stock on 31st March 1923 amounted to Rs. 15,35,032 against Rs. 14,23,800 at the close of 1921-22, thus showing an increase of Rs. 1,11,232. The balance of Surplus and Obsolete Stores was Rs. 1,988 against Rs. 1,992.

### STREET IMPROVEMENTS.

34. The total liabilities after allowing for time-barred claims on account of set-backs aggregated Rs. 17,91,598 up to 31st July 1923 against which we have sanctioned funds aggregating Rs. 4,00,000 . A sum of Rs. 3 lakhs has been included for street improvements in the 250 lakhs loan sanctioned by the Corporation under Resolution No. 3571 of 23rd July 1923 and Rs. 1 lakh has been provided out of Lands and Buildings Fund.

There is thus a net liability of Rs. 13,91,598.

### MISCELLANEOUS FUNDS.

35. The Municipal Fire and Accident Insurance Fund stood at Rs. 2,54,460 at the close of the year, the Worn-out Water Mains Renewal Fund at Rs. 4,81,315, the net Premia Fund at Rs. 7,85,804, the Land and Buildings Fund at Rs. 21,94,090 (*vide* Appendix No. IV to the Chief Accountant's report). As for Mahim Development Scheme Fund Rs. 5,72,754 have been overdrawn from available Loan Funds pending the raising of Specific Development Loans.

### FIRE TAX.

36. The deficit to the account of the Fire Tax, at the close of the year, amounts to Rs. 60,099 (*vide* para. 62 of the Chief Accountant's report).

37. The comparison of the net revenue and the net expenditure for 1921-22 and 1922-23 is shown below in accordance with the Standing Committee's Resolution No. 12212, dated 3rd February 1892 :—

| Particulars. | 1921-22. | | | 1922-23. | | |
|---|---|---|---|---|---|---|
| INCOME. | Rs. | a. | p. | Rs. | a. | p. |
| *Net Revenue after deducting Refunds, Drawbacks, and charges in respect of Assessment and Collection, and granting of Refunds.* | | | | | | |
| General Tax ... ... ... ... ... ... ... ... | 82,88,902 | 0 | 5 | 1,02,65,181 | 14 | 0 |
| Town Duties ... ... ... ... ... ... ... ... | 18,87,873 | 1 | 10 | 14,45,096 | 0 | 4 |
| Cotton Import Duty ... ... ... ... ... ... ... | 14,92,131 | 11 | 2 | 16,23,023 | 11 | 11 |
| Liquor Licenses and Tobacco Duty ... ... ... ... | 5,22,060 | 12 | 6 | 5,25,092 | 14 | 1 |
| Returns from Property and Miscellaneous... ... ... ... | 10,99,481 | 8 | 11 | 10,39,926 | 3 | 10 |
| Water Works Revenue (Net) ... ... ... ... ... | 6,62,592 | 9 | 9 | 7,72,268 | 12 | 10 |
| Wheel Tax and Tolls... ... ... ... ... ... ... | 7,68,042 | 10 | 9 | 12,03,147 | 14 | 10 |
| Fire Tax ... ... ... ... ... ... | *Dr.* 60,536 | 1 | 1 | 73,414 | 13 | 9 |
| Market and Slaughter Houses ... ... ... ... ... | 3,45,233 | 12 | 5 | 3,52,522 | 0 | 8 |
| Total Rs. | 1,50,05,782 | 2 | 8 | 1,72,99,674 | 6 | 3 |
| EXPENDITURE. | | | | | | |
| *Net Expenditure after deducting Receipts.* | | | | | | |
| General Superintendence ... ... ... ... ... ... | 5,07,845 | 0 | 2 | 4,01,433 | 15 | 1 |
| Education, Primary ... ... ... ... ... ... ... | 15,25,222 | 2 | 4 | 17,60,449 | 1 | 6 |
| Do. Secondary... ... ... ... ... ... ... | 72,299 | 8 | 10 | 70,815 | 15 | 0 |
| Public Health Department ... ... ... ... ... ... | 8,14,853 | 9 | 4 | 8,66,036 | 12 | 5 |
| | (Exclusive of expenditure on Street Cleansing and Conservancy). | | | | | |
| Census ... ... ... ... ... ... ... ... ... | Included above. | | | ...... | | |
| VI.—Hospitals ... ... ... ... ... ... ... | 8,78,610 | 7 | 2 | 9,16,309 | 12 | 3 |
| VII.—Street Cleansing and Road Watering ... ... ... | 34,87,346 | 2 | 10 | 35,16,713 | 6 | 0 |
| Plague Expenses ... ... ... ... ... ... ... | Included in Public Health. | | | | | |
| VIII.—Roads and Overbridges ... ... ... ... ... | 31,48,304 | 5 | 1 | 41,27,850 | 6 | 2 |
| IX.—Public Lighting ... ... ... ... ... ... | 5,71,042 | 6 | 5 | 7,53,453 | 11 | 4 |
| X.—Drainage and Sewerage including Halalkhore Branch ... | 12,18,030 | 5 | 5 | 12,44,597 | 13 | 4 |
| XII.—Building Regulations and other measures for Securing the Public Safety ... ... ... ... ... ... ... | 55,691 | 10 | 11 | 1,38,786 | 13 | 3 |
| XIII.—Gardens and Open Spaces ... ... ... ... | 2,14,480 | 5 | 10 | 2,24,021 | 12 | 11 |
| New Works ... ... ... ... ... ... ... ... | Included under different service heads. | | | | | |
| Pensions, Gratuities and Compassionate Allowances ... ... | Do. do. | | | ...... | | |
| Miscellaneous ... ... ... ... ... ... ... ... | The expenditure on extraordinary allowances was included under Miscellaneous in 1920-21. | | | 5,83,290 | 0 | 9 |
| Contribution to the City Improvement Trust ... ... ... | 15,76,573 | 15 | 3 | 17,85,007 | 2 | 3 |
| Municipal Debt (excluding Water Works & Fire Brigade) ... | Allocated under different service heads. | | | ...... | | |
| Investment of sale proceeds of Municipal Land in the Municipal Land and Building Fund ... ... ... ... | 2,53,427 | 3 | 6 | 3,18,883 | 6 | 4 |
| Total ... ... | 1,43,23,727 | 3 | 1 | 1,67,07,650 | 0 | 7 |
| Deficit ... ... | ...... | | | ...... | | |
| Surplus ... ... | 6,82,054 | 15 | 7 | 5,92,024 | 5 | 8 |
| Total ... | 1,50,05,782 | 2 | 8 | 1,72,99,674 | 6 | 3 |

38. The Revenue, Expenditure and Balances of the last five years have been contrasted in the following table :—

| —— | 1918-19. | 1919-20. | 1920-21. | 1921-22. | 1922-23. |
|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| Revenue ... ... ... | 1,73,74,185 | 1,83,16,927 | 2,01,43,197 | 2,31,47,009 | 2,67,53,463 |
| Expenditure ... .. | (a) 1,70,26,649 | 1,83,09,277 | 2,02,02,301 | 2,24,64,954 | 2,61,61,439 |
| Closing balance (including advances to Loan Works, Reserve Stock, &c., and excluding Minor Deposits, &c.) ... ... ... | 75,09,317 | 75,16,968 | 74,57,865 | 81,39,920 | 87,31,944 |
| *Add*—Recoverable Revenue outstanding ... | (b) 6,07,207 | 1,53,237 | 4,82,890 | 6,57,623 | 9,12,890 |
| | 81,16,524 | 76,70,205 | 79,40,755 | 87,97,543 | 96,44,834 |
| *Deduct*—Uncompleted Works, &c., and unexpended balances of the grants which were required for payment in the following year ... | 13,67,073 | 17,65,909 | 13,53,551 | 17,95,107 | 21,11,307 |
| Net Working Balance available for the requirements of the following year ... ... ... | 67,49,451 | 59,04,296 | 65,87,204 | 70,02,436 | 75,33,527 |

(a) Includes Rs. 6,34,256 for the write-off of the depreciation on 3½ per cent. Government Paper held in Surplus Funds.

(b) Includes Rs. 4,32,595 on account of arrears of General Tax for 1918-19 due by the Port Trust.

## VIII.—REVENUE AUDIT.

39. The demands, collections and outstandings at the close of the year were duly checked with the Assessor and Collector's books. The number of claims sanctioned for refund on account of vacancy under Sections 174 to 179 of the Act and on account of over collections amounted to 808, representing Rs. 6,052-4-2. The claims to one-fifth drawback under Section 158 (2) scrutinized aggregated 988 of which 251 were admitted. It was ascertained from the Assessment Book that no property liable to any authorized tax or charges leviable in lieu thereof had escaped assessment. The Vehicle and Animal Tax Book was also examined in detail. The revenue from the Tax on Public Land Conveyances licensed by the Commissioner of Police under Act VI of 1863 was audited and certificates of issue of licenses supplied by that officer were checked with the registers kept in the Chief Accountant's Office. The revenue receipts and vouchers of the different departments were examined in detail and the collections paid into the Treasury were duly verified.

## IV.—Assessment and Collection of Revenue.

40. The General Tax (including Fire Tax) was increased from 9⅞ per cent. to 11½ per cent. and the Water Tax from 3 per cent. to 3¾ per cent. The taxes leviable on vehicles and animals were also increased in accordance with the amended schedule G of the Municipal Act.

41. The total demand for the year was as follows :—

| | Demand Lakhs. | Increase over the Preceding year Lakhs. |
|---|---|---|
| General Tax .. .. .. .. | 112·23 | 23·46 |
| Water Tax .. .. .. .. | 47·17 | 12·97 |
| Halalkhore Tax.. .. .. .. | 26·83 | 2·45 |
| | 186·23 | 38·88 |
| **Corresponding figures for 1921-22 ..** | **147·35** | **13·40** |

42. The outstandings at the end of the year on account of taxes amounted to Rs. 9·11 lakhs or 4·89 per cent. of the total demand against 4·4 per cent. last year. Out of this amount a sum of rupees 3·70 lakhs was collected before the 30th June 1923.

43. The rateable value of properties increased during the year from 934 lakhs to 1,012 lakhs, an increase of 78 lakhs against the increase of 95 lakhs during the previous year.

44. The tax on vehicles and animals realised Rs. 5,89,649 against Rs. 4,01,291 during the previous year.

45. In pursuance of the order of the Chief Presidency Magistrate under Section 45 (1) (b) of the City of Bombay Police Act for the levy of additional General Tax to compensate claimants for loss, damage, death or grievous hurt caused by rioters in November 1921 to the extent of Rs. 6,87,775, the Assessment Department had to issue 24,273 bills for the additional tax, towards the end of the year.

### TOWN DUTIES.

46. The net revenue from Town Duties was Rs. 17,25,964 which shows a decrease of Rs. 4,99,488 due principally to a fall in the import of timber, firewood, ghee and sugar. The revenue derived from the non-refundable duty on cotton was Rs. 37,87,743 of which the Municipal share was Rs. 16,23,318. The total revenue for the year was, therefore, Rs. 33,49,282 as compared with Rs. 37,20,998 for the previous year.

## V.—Public Works.

### MUNICIPAL BUILDING CONSTRUCTION.

47. The Special Engineer's report gives details of works carried out or projected. The general condition as regards the prices of building materials and labour has improved and a majority of the works budgetted for were carried out during the year.

48. The Corporation accepted the offer of a sum of Rs. 15,000 from Mr. Devidas Parbhudas Kothari for constructing a fountain with a trough opposite the General Post Office at Mint Road and the work was nearly completed at the end of the year.

### OVERBRIDGES.

49. All the buildings in connection with the DeLisle Road Overbridge were acquired. The work of construction of the bridge by the B. B. & C. I. Railway Co. and of the diversion of the underground works by the Municipality was in progress.

50. All the acquisition proceedings in connection with the Dadar Overbridge were completed. Satisfactory progress was made with the work of constructing the bridge approaches.

51. As negotiations for the acquisition of properties in connection with the Mahalaxumi Overbridge scheme proved abortive, arrangements were made to acquire the properties under the Land Acquisition Act.

52. All the properties required for the construction of the Victoria Road Overbridge were taken charge of and the work of the extension of the western approach of the overbridge was nearly completed.

53. The work of extension of Frere Overbridge near Grant Road by the B. B. & C. I. Railway Co., was also in progress and the work of widening the Ollivant and Hancock overbridges was commenced by the G. I. P. Railway Company.

## ROADS.

54. Buildings were under construction on all the reconstituted plots in the scheme for widening the Churchgate Street. The construction of new roads will now be taken in hand. In the Dalal Street scheme all the buildings were either demolished or set back except the Government Book Depōt which will be taken over by the Municipality. 225 properties comprised in the Hornby Road to Ballard Pier scheme were notified for acquisition. In 23 cases awards were published and 97 cases were pending before the Land Acquisition Officer at the end of the year. The total expenditure incurred upto 31st March 1923 amounted to Rs. 29,85,834. As arranged with the Military Authorities, about 18,116 sq. yds. of area occupied by the Old Helmet godown, the Military Dairy and the Old Barracks will shortly be added to the scheme. This will facilitate the work of development and relieve congestion. The work of constructing Dadar Kumbharwada Road was nearing completion. All the properties required for the improvement of Love Grove Pumping Station Road and the construction of staff quarters were acquired. All cases in connection with the road between Cadell Road and Mahim Kapad Bazar having been settled, road construction work will shortly be taken in hand.

55. For want of funds the work of improvement of private streets had to be held over. At the close of the year a provision of Rs. 5 lakhs was made available for the purpose. The work of laying set-stone pavement on 9″ cement concrete foundations was continued along Frere Road, Dongri Street, and Musjid Bridge. Messrs. Mackenzies, Ltd., to whom a contract for making certain roads with 3″ sheet asphalt on concrete foundations was let, completed 53,450 sq. yds. The results achieved by both these types of roads were eminently satisfactory and the Corporation have approved of a comprehensive scheme for extending the system to other main roads in the city which will be reconstructed in a manner suitable to the traffic they have to bear.

## MAHIM DEVELOPMENT SCHEME.

56. Satisfactory progress was made with the work of opening up and developing the Mahim area and providing through communication. The construction of the road from Lady Jamshedji Road to Mahim Station was in progress, so also the road in the Nardulla Tank Scheme. Several properties were acquired in connection with the schemes for the extension of DeLisle Road northwards to meet Lady Jamshedji Road and the widening and improving of Lady Jamshedji Road from Bombay Woollen Mills to Bandra Causeway. In 30 cases properties were acquired under the Land Acquisition Act in connection with the proposed public park at Mahim while 16 cases were settled amicably. The total expenditure incurred upto the end of the year in respect of the park was Rs. 21,40,500. The improvements already carried out have improved the amenities of the locality and led to a substantial enhancement in the rateable value of the Mahim District.

## FILLING IN THE STORM WATER RESERVOIR AND NAIGAUM TANK.

57. Satisfactory progress was made with the work of filling in the reservoir. The work of filling in Naigaum Tank and the low lying ground at DeLisle Road also proceeded satisfactorily.

## STORMWATER SLUICES.

58. All the stormwater sluices were maintained in a good condition. The main water channel gates both at Love Grove and Cleveland Bunder required extensive

repairs. It is proposed to dam up one of the arches at Cleveland Bunder and to fit in a gate which will facilitate the scouring of the stormwater channel which frequently becomes very foul owing to the discharge of effluents from septic tanks into the stormwater channel.

### PUBLIC LIGHTING.

59. 7,393 gas lamps, 664 ordinary kerosine oil lamps and 164 oil pressure lamps were maintained against 7,322 gas lamps, 672 ordinary kerosine oil lamps and 164 oil pressure lamps in the previous year. The total cost of gas lighting (including the cost of 59 electric lamps at the various junctions) amounted to Rs. 6,02,492 and that of kerosine oil lighting to Rs. 30,680. As desired by the Corporation, steps were taken to improve the lighting of roads of 40′ width and under by converting the 60 C.P. vertical gas burner lamps into 80 C.P. inverted ones. Out of the 3,000 lamps to be thus converted 1,500 were taken in hand during the year.

### MUNICIPAL WORKSHOPS.

60. The Municipal Workshops were fully employed during the year in the repair of plant and machinery used by the different departments and in the manufacture of new articles. The bills preferred against the various departments amounted to Rs. 7,06,058, the estimated net profit being Rs. 39,387.

61. A complete inspection of workshops and factories coming within the purview of the Municipal Act was carried out. 311 applications for permits were disposed of and 254 cases relating to smoke and other nuisances arising from small foundries, smith's shops; etc., were dealt with.

### HEALTH CAMPS.

62. Health camps consisting of 60 rooms were erected in connection with plague cases. The previously existing camps of 177 rooms were maintained.

### HOUSE NUMBERING.

63. The work of house numbering in A & B Wards was completed, while plate fixing is going on in C. Ward. The plan work in connection with the D. & E. wards is in progress.

### PRIVATE BUILDINGS.

64. The number of applications for permission either to build or to rebuild houses, &c., was 3,294 against 3,211 in the previous year. 1,516 summonses and 2,118 notices were issued under various sections of the Municipal Act. The number of prosecutions was 1,516 against 1,110 in the previous year. 512 cases were withdrawn on compliance with requisitions, 410 persons were warned and discharged, 502 were convicted and 92 cases were pending at the close of the year. 694 notices were issued for the removal of unsafe structures. Of these 486 were complied with and 208 were pending at the close of the year. 40 buildings or portions thereof collapsed during the year. In 3 of these cases 6 persons were injured and 15 were killed. In 149 cases action was taken for the removal of inflammable huts. Of these 90 were complied with and the remaining 59 were pending at the close of the year. In 15 cases sanction of the Standing Committee was obtained for the removal of unauthorised works. In 10 of these cases the work was removed by the parties and in one case by the Municipality and the remaining 4 cases were pending at the close of the year. 254 notices were issued to provide sufficient means of egress. Of these 202 were complied with and the remainder were pending at the close of the year.

### DRAINAGE.

65. In pursuance of the arrangements sanctioned by the Corporation the Municipal experts, Messrs. Watson and Kershaw and Dr. Adeney arrived in Bom-

bay on 1st December 1922 and obtained a first hand knowledge of the city and its harbour. They had several meetings with the Executive Officers of the Bombay Port Trust and the Drainage Committee of the Corporation. The report of this committee on the subject was approved by the Corporation under their Resolution No. 11226 of 23rd March 1923. Government were thereupon approached to accord their sanction to a new outfall from the purification works at Antop Hill being made into the Kurla Creek in the neighbourhood of the Mahul Pier at a point about ½ a mile distant from the PortTrust harbour limits, as a temporary measure, on the understanding that it should be made permanent in the event of complete success.

66. 22 large works in connection with storm water drains were carried out by contracts at a total cost of Rs. 4,87,956 and 13 through the agency of the Petty Works contractor at a cost of Rs. 35,825. The large storm water drains in Reay Road, Connought Road, Parel Road and Suparibag Road worked satisfactorily during the year. 12 miles of pipe sewers, 14 miles of main ovoid sewer and 21 miles of storm water drains were cleaned, the quantity of silt removed being 2,188, 456 and 7,508 tons respectively. 1,606 tons of silt were removed from catchpits on main and pipe sewers. During the year 285 sullage connections and 115 storm water connections were made. The new type of improved concrete covers for water entrances has proved satisfactory for the effectual closing of those entrances during the fair season and preventing the breeding of mosquitoes. The total number of covers fixed during the year amounted to 1,619.

## WATER WORKS.

67. The rainfall at the Tansa, Vehar, Tulsi and Powai Lakes was over the average of the last 5 years by 2 per cent., 5 per cent., ½ per cent. and 5 per cent., respectively. All the lakes except Vehar overflowed.

68. The filter plant which had been under construction at Tulsi since 1919 could not be brought into use during the year as the contractors for the supply and erection of the filter equipment could not complete their work in time. It is, however, nearing completion and will shortly be brought into use.

69. The new Pumping plant and filters at Powai Lake were brought into use towards the close of the year but as the filtration of the water had not passed through the experimental stage, it was not considered desirable to distribute the water to the City.

## TANSA COMPLETION WORKS.

70. Extensive surveys and cross sections were made at Bassein Creek in connection with the erection of the New Kasheli Bridges. Preliminary and final surveys were also made between Powai and Ghatkoper for determining the alignment of the proposed 60′ steel main and for demarcating the land to be acquired.

71. Satisfactory progress was made during the year with the Tansa Completion Works. The contract for constructing a new bridge at Kasheli was placed with Messrs. Braithwaite & Co. at a cost of Rs. 34,18,900.

72. The work of constructing the Bandra Bridge was carried out departmentally. Good progress has been made with the work of constructing embankments and cuttings and about 30 miles of track are ready for laying the 72″ pipes. The work of constructing the pipe factory at Mulund was practically completed. 900 rooms of reinforced concrete were built by the contractors for their labour staff at Mulund and housing accommodation for the management and constructional staff will shortly be ready. The work of raising the Tansa Dam was completed on 10th June 1922. Plans and detailed estimates for the proposed Sion Reservoir have been prepared. The President and members of the Corporation together with their guests paid an official visit to Tansa on 10th February 1923.

## GENERAL STORES DEPARTMENT.

73. The total value of general stores available for issue was Rs. 31,80,213, that of Stores issued (including transfers) Rs. 19,29,060, and of the balance after adjustment of small discrepancies Rs. 12,53,122. This amount exceeds the balance of the previous year by Rs. 2,87,295. The increase is chiefly due to the purchase of the cast iron pipes specials and hydrants, etc., for the Water Works Department in large quantity at the close of the year.

74. During the year 92 contracts for general and special stores were made, and the total value of the purchase and issue of stores aggregated over Rs. 41 lakhs. With the approval of the Corporation arrangements were made to participate in the contract entered into by the Director of Development with the Dwarka. Bundi, Katni and Jabalpore cement companies for the supply of cement for 10 years.

## FIRE BRIGADE.

75. The Fire Brigade was maintained in a state of thorough efficiency throughout the year.

76. There were in all 574 calls of which 135 were false. The number of fires was 294 of which 169 were extinguished by the Brigade, and 125 were extinguished before its arrival. The total number of fires during the preceding year was 332. 10 fires were of a serious nature, involving the loss of property estimated at Rs. 17,54,500 out of the total estimated loss of Rs. 22,57,137. During the year the Babula Tank First Aid Appliance was converted from chemical to mechanical working and the emergency tender attached to Headquarters fitted with chemical appliances. This has led to a considerable reduction in the damage done by fires.

77. On the whole the water supply at fires was satisfactory and the attendance of the Water Department staff was prompt.

78. 7 lives were lost at fires and 8 persons received minor injuries.

79. The public are now taking advantage of the Fire Alarm system and with a view to increasing the efficiency of the system certain experiments are now being carried out. 20 additional fire alarms are being installed and it is expected that these will be put in working order very shortly.

80. Work in connection with the New Dock Station at Frere Road was commenced during the year. The question of construction of the new Fort Fire Brigade Station is still under consideration. For the protection of the new cotton depot at Mazagon arrangements are being made to erect a new substation on a site offered by the Port Trust on the Central Avenue. In consequence of the rapid development of the Mahim area and its adjuncts, it has been decided to construct a new full station near the site of the existing sub-station at Mori Road and to allow the question of the proposed new station at Naigaum Tank, Dadar, to remain in abeyance for the present.

81. On 26 occasions assistance was rendered by the Brigade in the case of buildings collapsed. The casualties were 17 persons killed, one injured to such an extent that he subsequently succumbed and 28 persons slightly injured. The Brigade rescued 109 persons at fires and fallen buildings etc.

82. The motor ambulance service for street and other accidents continued to be popular and the demands made upon it at times are greater than can be met. The crew employed on the service have been on several occasions complimented on their handling of patients in awkward situations, particularly on board ships. A temporary station at Frere Road for the Dock and Bunder areas was opened

during the year and one ambulance stationed there has filled a longfelt want. There were 466 accident calls and 835 private hire calls during the year.

### PUBLIC GARDENS.

83. Ten public Gardens were maintained during the year. The number of visitors to the Victoria Gardens was 21,31,732 against 21,93,538 in the previous year. A consignment of rare and showy tropical plants was obtained from London. 107 band performances were given at the different bandstands against 106 in the previous year. In addition to these performances 14 concerts of Indian music were given at the Victoria Gardens, but were not well patronised. A bandstand is under construction at Chowpatty, the cost of which will be met from the donation of Rs. 30,500 given by Mr. Chaturbhuj Jivandas for the purpose.

84. During the year the services of Mr. J. M. Doctor, Superintendent of Gardens, were requisitioned in connection with the transport to England of the animals presented to H. R. H. the Prince of Wales by H. H. The Maharajah of Nepaul. Mr. Doctor, who obtained seven months' leave for the purpose, successfully accomplished the mission.

85. The Director of the Bombay Bacteriological Laboratory and his staff made *post mortem* and bacteriological examination of the animals that died in the Gardens, for which our thanks are due to them. Our acknowledgments are also due to the Agents of the B. B. & C. I. and Great Indian Peninsula Railways for granting facilities for the transport of animals.

### VICTORIA AND ALBERT MUSEUM.

86. The number of visitors during the year was 12,92,492 against 12,67,059 in the previous year. During the year various additions were made to the different collections in the Museum. A special collection of ceramic ware was also made. The clay model of Shivaji presented last year was exhibited in a show case specially prepared. Some of the models of mythological interest which lacked in correctness of detail according to Hindu Iconography were replaced by new ones.

## VI.—Public Health.

87. In accordance with the orders passed by Government in their Resolution No. 2547 of the 4th July 1922, General Department, authorising the adoption of estimated populations for the calculation of vital statistics, the population of the City in the middle of the year 1922 has been estimated at 1,200,473 on the assumption that the 1921 population of 1,175,914 will increase by 196,469 in the next decennium.

88. The total mortality during the year fell from 53,609 to 37,297, giving a death rate of 31·06 per 1,000 of persons living, which is the lowest on record since 1895 excepting that for the year 1915. The total number of deaths include 1,244 deaths among persons not belonging to the City.

89. 20,452 births (exclusive of still births) were registered during the calendar year 1922 against 19,125 for the preceding year. The birth rate calculated on the estimated population works out to 17·03 against 16·26 in 1921.

90. The incidence of the chief epidemic diseases was very low in the year under report. The mortality from cholera was the lowest on record since 1848.

91. The mortality among infants was 8,236, being 4,515 less than in 1921 and 3,540 less than the average of the preceding quinquennium and 1,605 less than the average of the decennium 1912-1921. The rate of infant mortality on the number of births was 403 per 1,000 against 667 in 1921, the decennial average being 480.

92. Measures for the prevention of infant mortality were continued during the year. Municipal nurses daily visited the localities and the chawls inhabited by the poor and gave advice as to the care and up-bringing of infants. They also did much useful work in diffusing elementary knowledge of the principles of health and hygiene among ignorant people. During the year they paid 59,408 visits to houses and chawls, against 25,968 in 1921, and attended on 1,259 confinements. Relief in the shape of necessaries and comforts to poor women during confinement was given in 265 cases. The number of women admitted in the three Municipal Maternity Homes was 1,784 against 1,635 in the preceding year and the number of cases confined was 1,627 against 1,444 in 1921. Pure milk was distributed free or at a nominal price for the benefit of infants born in the homes or under the supervision of the Municipal nurses. The maternity and child welfare scheme of the Infant Welfare Society has made much progress.

93. The total number of Vaccine operation performed was 27,789 against 38,608 in 1921.

94. The quantity of refuse dealt with by the Conservancy staff amounted to 6,96,337 cart loads against 6,83,749 in the preceding year.

95. During the year 97,790 night-soil and cesspool cart and 4,156,176 night-soil baskets were emptied at the several night-soil depots in the city against 95,707 carts and 4,200,244 baskets in 1921, showing an increase of 2,083 carts and a decrease of 44,068 baskets. The number of water closets substituted for basket privies was 202 against 128 in the preceding year.

96. During the year a new office of Dairy Superintendent was created under the Executive Health Officer with the object of devising measures for the removal of milch cattle stables from the City and some advance has been made during the year towards the solution of the problem. Land is to be purchased and stables erected by the Municipality at Trombay for the animals and negotiations have been set on foot with a view to encouraging the production of milk by private enterprise at much greater distances from Bombay in country districts where economic dairy farming is possible.

## LICENSES.

97. The total number of licenses issued and the fees recovered during the year were 13,320 and Rs. 1,33,725, against 12,836 and Rs. 1,31,789, respectively, during the preceding year. The increase in the number of licenses issued was in respect of charcoal shops, eating houses, fire works, matches, noisy trades, permits under Section 390 of the Municipal Act, liquid fuel storages under the Indian Petroleum Act of 1899 and sweetmeat shops.

98. In all 9 stables, including 5 milch cattle stables, were vacated and the loss of fees incidental to demolition of the old licensed places or their diversion to uses not requiring a license amounted to Rs. 16,916 against Rs. 5,278-12-0 in the preceding year.

99. The fines inflicted by the Magistrates in 4,071 prosecutions during the year amounted to Rs. 15,370-4-0. Out of these cases 7 were for non-payment of license fees and the remaining 1,178 for carrying on licensable trades without licenses and infringement of license conditions.

100. Hair dressing saloons or barbers' shops, Hamamkhanas and the manufacture of bidis or indigenous cigarettes became licensable by Bombay Act No. VII of 1921 and they will be brought under control from 1st April 1923.

## MARKETS.

101. The total revenue from Markets and Slaughter Houses amounted to Rs. 10,30,103 against Rs. 9,07,038 in the previous year.

102. During the year a license fee of Rs. 23,337 was realised from the private markets against Rs. 10,907 in the previous year, showing an increase of Rs. 12,430 which is due to the increase sanctioned by the Corportaion in the license fees.

103. The number of cows and bullocks slaughtered was 50,684, that of sheep and goats 7,87,915 and of Buffaloes 11,009, against 55,128, 8,15,498 and 11,538 respectively, during the preceding year.

104. The percentage of horned cattle rejected was ·6 against 1·08 in the previous year and that of sheep and goats ·6 against 1·06. The number of buffaloes rejected was 6 out of a total of 11,077.

105. The total quantity of unwholesome food destroyed amounted to 2,76,805 lbs. against 2,89,726 lbs. in the previous year. The quantity of meat illicitly imported into Bombay and seized and destroyed amounted to 38,718 lbs. against 5,119 lbs. in the previous year. This increase is due to the more vigilant supervision exercised by the staff.

106. The financial result of the working of the Markets during the year showed a return of 8·26 per cent. on the estimated capital expenditure against 8·07 per cent in the previous year.

107. The question of standardisation of weights and measures in the City is still under consideration.

108. During the year a refrigerator was constructed in the compound of the Arthur Crawford Markets and brought into use. The total cost of the building and machinery amounted approximately to Rs. 2,07,000. This refrigerator has filled a long felt want for storing perishable commodities and has proved not only a boon to traders and to the public but also a profitable investment to the Municipality.

109. The old and insanitary fowl rooms in the compound of the Arthur Crawford Markets were demolished and a new building is under construction.

## VII.—Education.

110. During the year the Corporation accorded their sanction to the Schools Committee's proposals for the introduction of free and compulsory education.

111. The total number of Municipal schools at the close of the year was 334, including 42 night schools. 35 new schools were opened and 2 aided schools were taken over and one of them was amalgamated with a Municipal school. The total number of pupils was 36,840 against 35,062 in the previous year. The number of teachers was 1,671 against 1,558 and the number of trained teachers increased from 811 to 879.

112. The total expenditure amounted to Rs. 22,23,892 against Rs. 19,63,573 in the previous year. The increase was due to the annual increments of salaries, opening of new schools and high rents for hired school buildings.

113. The arrangements for the medical inspection of children were continued during the year. The introduction of travelling Dental clinics in charge of Dr. S. M. Khambatta, D. D. S., during the year marked an extension of the scheme for medical inspection of the children. The returns furnished by the Medical Officers show that a good deal of useful work was done in this direction.

114. The number of schools to which grants-in-aid was given was the same as in the previous year, *viz.*, 147, and the total amount of the grants-in-aid sanctioned for payment during the year amounted to Rs. 1,44,795 against Rs. 1,44,500 in the previous year.

H. B. CLAYTON,
*Municipal Commissioner*
*for the City of Bombay.*

# CHIEF ACCOUNTANT'S REPORT

## FOR 1922-23.

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# FINANCIAL.

Report of Mr. M. R. Tambe, Acting Chief Accountant, for the financial year 1922-23, forwarded with his No. A.E. A/3, dated 17th September 1923.

I have the honour to submit my report on the accounts of the Municipality for the year 1922-23.

2. During the year under report, the rates of taxation had to be increased as under:—

(1) The General Tax from 9½ per cent. to 11 per cent.

(2) The Fire Tax from ⅜ per cent. to ½ per cent.

(3) The Water Tax on rateable value from 3 per cent. to 3¾ per cent.

and the rates for the supply of water by meter measurement were also varied as under :—

| | Rates for 1921-22. | Rates for 1922-23. | |
|---|---|---|---|
| | As. | As. | |
| Properties beyond 500 feet from the Mains ... ... ... ... | 2 | 3 | |
| General and Domestic ... ... | 3 | 4 | |
| Gymkhanas, Lawns and Playgrounds | 3 | 4 | |
| Milch Cattle Stables ... ... | 4 | 8 | |
| Building Purposes ... ... ... | 6 | 8 | |
| Railways ... ... ... ... | 6½ | 8 | |
| Port Trust ... ... ... ... | 6½ | 8 | |
| Hotels ... ... ... ... | 7¾ | 12 | |
| Cotton and other Mills ... ... | 8 | 12 | |
| Flour Mills ... ... ... ... | 8 | 12 | |
| Bleaching Mills ... ... ... | 8 | 12 | |
| Other Factories ... ... ... | 8 | 12 | |
| Stables ... ... ... ... | 8 | 12 | |
| Miscellaneous properties ... ... | 8 | 12 | |
| Bandora ... ... ... ... | 8 | 4 | In accordance with the arrangement with Government sanctioned by Corporation Resolution No. 6849 of 27th October 1921. |
| Santa Cruz ... ... ... ... | 8 | 4 | |
| Andheri ... ... ... ... | 8 | 4 | |
| Kurla ... ... ... ... | 8 | 4 | |
| Vankola ... ... ... ... | 8 | 4 | |
| Ghatkopar and Thana ... ... | 8 | 4 | |
| Bandora Station ... ... ... | 8 | 12 | |

3. In the following statement the income and expenditure for the year is compared with the original and Revised Estimates and the actuals for the preceding year :—

| — | Budget Estimates for 1922-1923. | Revised Estimates for 1922-1923. | Actuals for 1922-1923. | Actuals for 1921-1922. | Increase or Decrease. | | |
|---|---|---|---|---|---|---|---|
| | | | | | As compared with the Budget Estimates. | As compared with the Revised Estimates. | As compared with the previous year. |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Income ... | 2,66,76,200 | 2,72,43,900 | 2,67,53,463 | 2,31,47,009 | + 77,263 | − 4,90,437 | + 36,06,454 |
| Expenditure | 2,68,96,583 | 2,76,92,096 | 2,61,61,439 | 2,24,64,954 | − 7,35,144 | −15,30,657 | + 36,96,485 |
| Surplus ... | ... | ... | 5,92,024 | +6,82,055 | ... | ... | ... |

4. The opening and closing working cash balances are as under :—

| Opening Balance. | Surplus for the year. | Closing Balance. |
|---|---|---|
| Rs. | Rs. | Rs. |
| 81,39,920 | 5,92,024 | 87,31,944 |

This closing balance comprises the following items:—

| | | |
|---|---|---|
| (1) Surplus Revenue Fund (*vide* Appendix No. 3) ... | | Rs. 47,13,382 |
| (2) Lapsed Grants for 1922-23 required to be renewed in 1923-24 (*vide* Appendix No. 2) ... ... ... | | „ 21,11,307 |
| (3) Contribution on 1st May 1923 to the City Improvement Trust— | | |
| Budget Estimates, 1923-24 ... | Rs. 19,50,195 | |
| *Less*— | | |
| Savings due to the actual realizations of the General Tax in 1922-23 being less than anticipated as per the Revised Estimates for the year ... ... | Rs. 42,940 | |
| | | „ 19,07,255 |
| Total | | Rs. 87,31,944 |

5. The opening and closing Reserve Stores Balances are compared below:—

| — | 1922-23. | 1921-22. | Increase. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| Serviceable stores ... ... ... | 15,33,044 | 14,21,808 | 1,11,236 |
| Surplus and obsolete stores ... .. | 1,988 | 1,992 | —4 |
| Total Rs. ... | 15,35,032 | 14,23,800 | 1,11,232 |

6. The subjoined statement contains the grants sanctioned for expenditure in 1922-23 outside the Budget Estimates and their comparison with the figures for the previous year:—

| — | 1922-23. | 1921-22. | Increase. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| Additional grants ... ... ... | 18,48,378 | 14,79,365 | 3,69,013 |
| Renewed grants ... ... ... ... | 17,95,108 | 13,53,551 | 4,41,557 |
| Total ... | 36,43,486 | 28,32,916 | 8,10,570 |

The grants requiring renewal in 1923-24 as compared with those renewed in 1922-23 are shown below:—

| 1923-24. | 1922-23. | Increase. |
|---|---|---|
| Rs. | Rs. | Rs. |
| 21,11,307 | 17,95,108 | 3,16,199 |

7. The Surplus Revenue Fund as per Appendix No. 3 at the close of the year amounted to Rs. 47,13,382.

Surplus Cash Balance.

The subjoined statement shows the estimated Surplus Cash Balance at the date of preparing this report:—

| LIABILITIES. | Rs. | ASSETS. | Rs. |
|---|---|---|---|
| Reserve Stock .. .. .. .. | 15,35,032 | Revenue Fund, Appendix No. 3 of the Chief Accountant's Administration Report, 1922-23 .. | 47,13,382 |
| Plant and Machinery .. .. | 18,32,915 | | |
| Deficit for 1923-24 .. .. | 2,31,387 | | |
| Advances for levelling and metalling Private Streets and Roads and for bicycles, motors, etc., to Municipal Employes .. | 2,97,382 | Rebate from Capital Fund for stores held on Capital Account .. | 4,00,000 |
| Additional grants sanctioned and to be sanctioned .. .. | 1,16,366 | Rebate for depreciation included in the budget for 1923-24 .. | 2,10,529 |
| Estimated excesses to be included in Statement "D" .. .. | 3,15,000 | Rebate to Revenue for interest on Loans utilized for Capital Improvement schemes .. .. | 1,50,000 |
| Liability for rent receipts from buildings belonging to Development schemes .. .. .. | 75,000 | | |
| Liability for repayment to Lands and Buildings Fund .. .. | 70,043 | | |
| Minimum required by law .. | 1,00,000 | | 54,73,911 |
| **Surplus Cash Balance** .. | 9,00,786 | | |
| | 54,73,911 | | |

8. The incidence of taxation per head calculated on the basis of the Census for 1911 (979,445) during each of the three years ending with 31st March 1920 and that for 1920-21 and 1921-22 calculated on the basis of the Census for 1921 (11,75,914) is contrasted below with the incidence per head for 1922-23, calculated on the basis of the Census for 1921 (11,75,914):—

Incidence of Taxation.

| Year. | Amount. Rs. | a. | p. |
|---|---|---|---|
| 1917-1918 ... ... ... ... | 13 | 9 | 4 |
| 1918-1919 ... ... ... ... | 15 | 14 | 2 |
| 1919-1920 ... ... ... ... | 16 | 9 | 2 |
| 1920-1921 ... ... ... ... | 14 | 10 | 6 |
| 1921-1922 ... ... ... ... | 16 | 15 | 3 |
| 1922-1923 ... ... ... ... | 20 | 2 | 4 |

9. The outstandings of rates and taxes at the close of the year 1922-1923 stood at Rs. 9,12,890 against Rs. 6,57,621 in the previous year, showing an increase of Rs. 2,55,269 :—

| Outstanding at | General Tax. | Water Tax. | Halalkhore Tax. | Wheel Tax. | Meter Hire. | Total. |
|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 31st March 1922 ... .. | 3,37,336 | 1,58,510 | 1,27,350 | 27,925 | 6,500 | 6,57,621 |
| Do. 1923 ... ... | 4,72,807 | 2,42,042 | 1,43,363 | 52,442 | 2,236 | 9,12,890 |
| | 1,35,471<br>Increase | 83,532<br>Increase | 16,013<br>Increase | 24,517<br>Increase | 4,264<br>Decrease | 2,55,269<br>Increase |

10. The receipts for the year exceeded those of the previous year by Rs. 36,06,454, the principal variations being under the following heads :—

Comparison with Income for 1921-22.

| | *Increase.* Rs. | *Decrease.* Rs. |
|---|---|---|
| I.—General Tax, Indirect Taxation and Mis. Revenue— | | |
| A. General Tax ... ... ... ... ... | 20,12,014 | ...... |
| B. Town Duties ... ... ... ... ... | ...... | 4,49,303 |
| C. Cotton Import Duty ... ... ... .. | 1,30,892 | ...... |
| G. Interest and Profit on the Investments of Surplus Loan and other Balances ... | ...... | 97,756 |
| Carried over ... | 21,42,906 | 5,47,059 |

| | Increases. | Decreases. |
|---|---|---|
| | Rs. | Rs. |
| Brought forward ... | 21,42,906 | 5,47,059 |
| I.—General Tax, Indirect Taxation and Mis. Revenue—*contd.* | | |
| I. Miscellaneous— | | |
| Fines for offences against the Law ... | 24,426 | ...... |
| Rent of Buildings and Lands ... ... | 71,553 | ...... |
| Miscellaneous Receipts ... ... ... | ...... | 17,415 |
| Sale proceeds of Lands and Buildings ... | ...... | 2,30,889 |
| II.—Water Works— | | |
| A. Water Tax and other Miscellaneous Water Works Revenue ... ... ... ... | 12,29,353 | ...... |
| VI.—Hospitals and Medical Relief— | | |
| A. Interest realized on donations from the Public. | 24,007 | ...... |
| VIII.—Roads and Overbridges— | | |
| A. Wheel Tax and Government Contribution in lieu of Tolls ... ... ... ... | 4,29,723 | ...... |
| B. Ground Rent ... ... ... ... ... | ...... | 63,984 |
| X.—Drainage and Sewerage including the Halalkhore Branch— | | |
| A. Halalkhore Tax ... ... ... ... | 2,72,378 | ...... |
| XI.—Fire Brigade— | | |
| A. Fire Tax ... ... ... ... ... | 1,41,232 | ...... |
| XII.—Building Regulations and other Measures for securing the Public Safety— | | |
| B. Miscellaneous ... ... ... ... | ...... | 21,621 |
| XIV.—Markets and Slaughter Houses— | | |
| A. Miscellaneous ... ... ... | 1,32,720 | ...... |
| Rs. | 44,68,298 | 8,80,968 |

Comparison with Expenditure for 1921-22.

11. The expenditure for the year as compared with that of the preceding year, shows increases aggregating Rs. 43,01,040 under various heads and decreases aggregating Rs. 6,04,555 under other heads leaving a net increase of Rs. 36,96,485.

The details of the principal variations are as follows :—

| | Increases. | Decreases. |
|---|---|---|
| | Rs. | Rs. |
| I.—General Supervision and Collection of Revenue, etc.— | | |
| A.—General Superintendence— | | |
| (*a*) Corporation and Standing Committee ... | 7,910 | |
| (*b*) Municipal Commissioner's Personal and General Office Establishment ... ... | 21,411 | |
| (*c*) Audit and Accounts... ... ... ... | 15,267 | |
| B.—Collection of Revenue— | | |
| (A) Property and Wheel Tax Establishment ... | 52,613 | |
| (B) Town Duty Collection... ... ... ... | ...... | 16,920 |
| (C) Town Duty Refund Branch ... ... ... | 12,164 | |
| C.—Upkeep of Municipal Buildings— | | |
| (A) Upkeep and guarding Municipal Head Office. | ...... | 17,092 |
| F. Miscellaneous charges ... ... ... ... | 1,00,910 | |
| G. Election Expenses ... ... ... ... | 54,349 | |
| New Works ... ... ... ... ... | ...... | 6,044 |
| II.—Water Works— | | |
| C. Repairs and Maintenance ... ... ... | ...... | 19,364 |
| D. Meters ... ... ... ... ... ... | ...... | 99,692 |
| Debt charges ... ... ... ... ... | 12,32,269 | |
| New Works ... ... ... ... ... | ...... | 11,296 |
| III.—Education, Primary ... ... ... ... ... | 2,35,235 | |
| Carried over ... | 17,32,128 | 1,70,408 |

| | Increases. | Decreases. |
|---|---|---|
| | Rs. | Rs. |
| Brought forward | 17,32,128 | 1,70,408 |
| V.—Public Health— | | |
| B. General Supervision | 16,137 | |
| E. Supervision of City Milk Supply | 11,259 | |
| F. Epedemics | ... | 29,999 |
| H. Malaria... | 8,905 | |
| J. Census | 21,342 | |
| New Works | 16,223 | |
| VI.—Hospitals and Medical Relief | 61,466 | |
| VII.—Street Cleansing and Conservancy including Road Watering | 1,91,700 | 1,59,223 |
| VIII.—Roads and Overbridges— | | |
| A. General charges | 13,179 | |
| B. Roads, Overbridges and Footpaths | 8,44,825 | |
| C. Street Improvements | ... | 96,157 |
| D. Cleansing and Repairing Port Trust Wharves and Roads | 85,800 | |
| Debt charges | 1,76,023 | |
| IX —Public Lighting | 1,82,421 | |
| X.—Drainage and Sewerage including the Halalkhore Branch— | | |
| A. General charges | 6,990 | |
| B. Drainage and Sluices | 7,557 | |
| C. Pumping and Compressor Stations and flood-gates | 61,730 | 46,700 |
| D. Halalkore Branch— | | |
| (*b*) Cleansing and Sanitation | 26,877 | |
| (*c*) Bullock Traction | 6,930 | |
| Debt charges | 1,19,085 | |
| New Works | 1,16,429 | |
| XI.—Fire Brigade | 8,008 | |
| XII.—Building Regulations and other measures for securing the Public Safety— | | |
| C. Establishment for inspection and supervision of private buildings | 47,307 | |
| E. Licensing Establishment | 7,260 | |
| F. Street Ambulance Service | 5,312 | |
| XIII.—Gardens and open spaces— | | |
| B. Gardens | ... | 8,795 |
| C. New Gardens Recreations ground, etc. | ... | 6,123 |
| Debt charges | 24,275 | |
| XIV.—Markets and Slaughter Houses— | | |
| B.—Markets and Slaughter Houses | 1,48,642 | 28,067 |
| Contribution to the City Improvement Trust | 2,08,433 | |
| Investment of sale proceeds of Municipal Land in the Municipal Land and Building Fund | 65,456 | |
| Total Rs. | 42,21,699 | 5,45,472 |

12. The Loan liabilities at the beginning and at the end of the year were as under :—

| Outstanding debt at 1st April 1922. | Loan raised during the year. | Repayment during the year. | Balance of outstanding debt at 31st March 1923. |
|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. |
| 9,47,76,867 | 1,70,00,000 | 4,39,017 | 11,13,37,850 |

The state of the Sinking Fund is shown below :—

| Amount of Fund at 1st April 1922. | Interest realizations. | Sinking Fund Instalments. | Total. | Withdrawn for repayment of the 4½ lakhs loan. | Amount of Fund at 31st March 1923. |
|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 2,49,99,841 | 9,21,872 | 13,53,592 | 2,72,75,305 | 4,50,000 | 2,68,25,305 |

Allowing for the Sinking Fund of Rs. 2,68,25,305 against the outstanding debt of Rs. 11,13,37,850, the net liability is reduced to Rs. 8,45,12,545, which is further reduced to Rs. 8,45,10,045 after deducting the renewed grant of Rs. 2,500 for payment of the outstanding debentures of the Drainage Loan of 1878. This is further reduced to Rs. 8,44,52,045 after taking into account the amount held in the General Fund for payment of Outstanding debentures of Rs. 3,500 of the 20 lakhs Plague Loan and Rs. 54,500 of the 4½ lakhs loan.

13. The rateable value of properties in the City at the end of the year stood at Rs. 10,12,68,976 and the loan liability at Rs. 11,13,37,850 so that the margin up to which further borrowing is permissible under Section 109 (*b*) of the Municipal Act is Rs. 9,12,00,102 always provided that the revenue required for the service of fresh loans will be forthcoming. The following statement shows the ratio of debt to the rateable value of properties from 1916-17 :—

| Year. | Rateable value of properties. | Municipal debt. | The ratio of the total amount of debt outstanding on the 31st March of each year to the rateable value of properties in the City as it stood at the same time. |
|---|---|---|---|
| | Rs. | Rs. | |
| 1916-17 ... ... ... ... ... | 5,88,81,972 | 7,42,36,994 | 1:1·260 |
| 1917-18 ... ... ... ... ... | 6,12,34,537 | 7,41,43,634 | 1:1·211 |
| 1918-19 ... ... ... ... ... | 7,46,87,830 | 7,69,06,639 | 1:1·029 |
| 1919-20 ... ... ... ... ... | 7,72,47,429 | 8,08,51,477 | 1:1·047 |
| 1920-21 ... ... ... ... ... | 8,39,21,642 | 8,48,28,042 | 1:1·011 |
| 1921-22 ... ... ... .. ... | 9,34,04,409 | 9,47,76,867 | 1:1·014 |
| 1922-23 ... ... ... ... ... | 10,12,68,976 | 11,13,37,850 | 1:1·099 |

Loan Works.

14. The following statement contrasts the expenditure on Loan Works in 1921-22 and 1922-23 with the Original and Revised Estimates for those years :—

| — | | Budget Estimates. | Revised Estimates. | Actuals. |
|---|---|---|---|---|
| | | Rs. | Rs. | Rs. |
| Loan Funds ... ... ... | 1921-22 ... ... | 92,38,000 | 1,28,66,200 | 70,05,553 |
| | 1922-23 ... ... | 2,37,68,100 | 2,44,86,556 | 1,40,33,806 |
| Development Funds ... ... | 1921-22 ... ... | 10,00,000 | 16,54,052 | 7,05,051 |
| | 1922-23 ... ... | 21,00,000 | 1,03,38,000 | 88,93,276 |
| Land and Building Fund ... | 1921-22 ... ... | ...... | 27,77,000 | 16,29,235 |
| | 1922-23 ... ... | 6,28,000 | 1,12,000 | 47,868 |

Plague Expenditure.

15. The expenditure on Plague operations as compared with the original and final grants and the actuals for the previous year is shown below :—

| Actuals for 1921-22. | Budget grant for 1922-23. | Final amended grant for 1922-23. | Expenditure for 1922-23. | Balance unexpended. | Required to be renewed in 1923-24. | Net savings. |
|---|---|---|---|---|---|---|
| Rs.<br>1,16,888 | Rs.<br>1,42,673 | Rs.<br>1,49,980 | Rs.<br>1,20,869 | Rs.<br>29,111 | Rs.<br>10,384 | Rs.<br>18,727 |

## INCOME.

Actuals compared with the original Budget Estimates.

16. A detailed comparison between the Budget Estimate and the Actuals will be found in Appendix No. 1.

The increases in income aggregating Rs. 15,18,415 under certain heads is nearly counterbalanced by decreases amounting to Rs. 14,41,152, in other heads the result being an increase of Rs. 77,263, only.

The following were the main factors contributing to the increases and decreases.

| Budget Head. | Amount of Increase. | Amount of Decrease. | Reasons. |
|---|---|---|---|
| | Rs | Rs. | |
| 1. General Tax ... ... ... | 1,11,115 | ...... | Due to erection of new buildings and enhancement of rateable value. |
| 2. Town Duties ... ... ... | ...... | 4,09,628 | Due to less imports principally of sugar. |
| 3. Cotton Duty ... ... ... | 4,23,024 | ...... | Due to heavier imports. |
| 4. Land conveyance and Music Licenses. | 15,379 | ...... | Due to increase in the issue of licenses. |
| 5. Tabacco Duty ... ... | ...... | 58,657 | Due to less imports. |
| 6. Interest and Profit on Investments of Surplus Loan and other balances. | ...... | 2,45,572 | Due to new loans not having been raised to the required extent. |
| 7. Interest on sums invested in plant and Machinery. | 10,744 | ...... | Due to the increase in sums invested on Plant and machinary. |
| 8. Miscellaneous ... ... | ...... | 1,90,868 | Due to less receipts on account of sale of lands and buildings. |
| 9. Water Tax ... ... ... | 2,77,252 | ...... | Due to erection of new buildings and to more receipts on account of meter measurements. |
| 10. Education Primary—<br>(a) Contribution from Government. | ...... | 2,58,867 | Government paid the contribution provisionally, the question of determining the method by which contribution payable by Government is to be worked out is under consideration. |
| 11. Public Health Department (a) Miscellaneous. | ...... | 17,287 | Due to less realizations on account of sale of rights and miscellaneous fees, and less receipts, on account of rent of buildings and lands. |
| 12. Street Cleansing and Conservancy (a) Miscellaneous. | 14,961 | ...... | Due to increased realizations on account of sale of rights and rent of buildings and lands. |
| 13. Roads and Bridges— | | | |
| (a) Wheel Tax and Government contribution in lieu of Tolls. | 1,65,390 | ...... | Due to heavy receipts on account of public and private conveyances. |
| (b) Ground Rent ... | 17,135 | ...... | Due principally to arrears recovery of telephone rent. |
| (c) Miscellaneous ... | 1,06,816 | 30,048 | Due to increase in miscellaneous receipts and rent of buildings and lands. The decrease under sale of self forward land and sale of materials was due to less realizations. |
| 14. Drainage and Sewerage, including Halalkhore branch— | | | |
| (a) Halalkhore Tax ... | 27,244 | ...... | Due to expansion of the city. |
| (b) Miscellaneous ... | ...... | 41,870 | Due to over estimation of contribution from Municipal Servants towards Pension &c, Fund. |

| Budget Heads. | Amount Increase. | Amount Decrease. | Reasons. |
|---|---|---|---|
| | Rs. | Rs. | |
| 15. Fire Brigade— | | | |
| (a) Fire Tax ... ... | 11,729 | ..... | Due to expansion of the City |
| 16. Building regulations and other measures for securing the public safety— | | | |
| (a) Licensus Dangerous and offensive trades. | ...... | 25,398 | Due to falling off in trade. |
| (b) Miscellaneous ... | 35,794 | ...... | Heavy receipts from miscellaneous fees. |
| 17. Market receipts— | | | |
| (a) Miscellaneous ... | 1,42,274 | ...... | Due to heavy receipts on account of squatters' fees Fair ground and feeding fees, and slaughter fees, miscellaneous receipts and the new cold storage. |

Comparison between Revised Estimates and Actuals.

17. As compared with the Revised Estimates the most important variations were as under :—

| | Increases. Rs. | Decreases. Rs. |
|---|---|---|
| I General Tax, Indirect Taxation and Miscellaneous Revenue. | | |
| A. General Tax ... ... ... ... | ... | 3,08,885 |
| B. Town Duties ... ... ... ... | ... | 4,09,628 |
| C. Cotton Import Duty ... ... ... | 3,23,024 | ... |
| F. Tobacco Duty ... ... ... ... | ... | 68,657 |
| G. Interest and profit on investments of Surplus Loan and other balances ... | 54,806 | ... |
| H. Interest on sums invested in Plant and Machinery ... ... ... | 5,744 | ... |
| I. Miscellaneous ... ... ... ... | 13,632 | ... |
| III Education Primary. | | |
| A. Contribution from Government ... | ... | 2,58,867 |
| V Public Health Department. | | |
| A. Miscellaneous... ... ... ... | ... | 9,787 |
| VII Street Cleansing and Conservancy including Road Watering. | | |
| A. Miscellaneous ... ... ... ... | 14,960 | ... |
| VIII Roads and Overbridges. | | |
| A. Wheel Tax and Government contribution in lieu of Tolls ... ... | 1,04,390 | ... |
| B. Ground Rent ... ... ... | 13,135 | ... |
| C. Miscellaneous ... ... ... | 76,768 | ... |
| X Drainage and Sewerage including Halalkhore Branch ... ... ... | ... | 72,755 |
| A. Halalkhore Tax. ... ... ... | ... | ... |
| B. Miscellaneous Receipts ... ... | 12,130 | ... |
| XI Fire Brigade. | | |
| A. Fire Tax ... ... ... ... | ... | 15,396 |
| XII Building regulations and Other Measures for securing the public safety. | | |
| B. Miscellaneous... ... ... ... | 36,016 | ... |

Comparison between the Actuals for 1921-22 and 1922-23.

18. The income for the year under report exceeded that of the previous year by Rs. 36,06,454. The principal increases were under the following heads :—

| | | Rs. |
|---|---|---|
| I | General Tax, Indirect Taxation and Miscellaneous Revenue. | |
| | A. General Tax ... ... ... .. ... ... | 20,12,014 |
| | C. Cotton Import Duty... ... ... ... ... | 1,30,892 |
| | H. Interest on sums invested in Plant and Machinery | 6,367 |
| | I. Miscellaneous... ... ... ... ... ... | 98,026 |
| II | Water Works. | |
| | A. Water Tax and Other Miscellaneous Water Works Revenue ... ... ... ... ... ... | 12,29,353 |
| VI | Hospitals and Medical relief. | |
| | A. Interest realized on donations from the public ... | 24,007 |
| VIII | Roads and Overbridges. | |
| | A. Wheel tax and Government contribution in lieu of Tolls ... ... ... ... ... ... | 4,29,723 |
| X | Drainage and Sewerage including the Halalkhore Branch. | |
| | A. Halalkhore Tax ... ... ... ... ... | 2,72,378 |
| XI | Fire Brigade. | |
| | A. Fire Tax ... ... ... ... ... ... | 1,41,232 |
| XIV | Markets and Slaughter Houses. | |
| | A. Miscellaneous... ... ... ... ... ... | 1,32,720 |
| | Rs. | 44,76,712 |

The principal decreases are shown below :—

| | | Rs. |
|---|---|---|
| I | General Tax, Indirect Taxation and Miscellaneous Revenue. | |
| | B. Town Duties ... ... ... ... ... ... | 4,49,303 |
| | G. Interest and Profit on the Investments of Surplus Loan and other balances ... ... ... ... | 97,756 |
| | I. Miscellaneous ... ... ... ... ... | 2,59,627 |
| VIII | Roads and Overbridges. | |
| | B. Ground Rent... ... ... ... ... ... | 64,026 |
| XII | Building Regulations and other measures for securing the Public Safety. | |
| | B. Miscellaneous ... ... ... ... ... ... | 22,502 |
| | Rs. | 8,93,214 |

19. The position as regards our principal sources of income, *viz.*, General Tax, Water Tax and Halalkhore Tax is satisfactory as will be seen from the subjoined statement. The net increase excluding a fortuitous increase in outstandings works out to Rs. 36,63,000. In addition, I consider, the following might be looked upon as permanent additions to our income :—

| | | Rs. |
|---|---|---|
| 1. | Cotton Duty ... ... ... ... ... ... | 1,00,000 |
| 3. | Wheel Tax and Government Contribution in lieu of Tolls | 4,00,000 |
| 4. | Market Receipts ... ... ... ... ... ... | 1,00,000 |

The permanent expansion of our revenue during the year may thus be put in round figures at about Rs. 42,50,000.

| 1922-23. | Amount. | Total. | Grand Total. | 1921-1922. | Amount. | Total. | Grand Total. |
|---|---|---|---|---|---|---|---|
| | Rs a. p. | Rs. a. p. | Rs a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1. General Tax (including Fire Tax) at 11 ½ per cent.— | | | | 1. General Tax (including Fire Tax) at 9⅞ per cent.— | | | |
| Total collections booked ... ... ... | 1,09,66,718 11 2 | | | Total collections booked ... ... ... | 88,13,472 12 5 | | |
| *Less*—<br>Arrear recoveries ... ... ... ... | 2,97,366 10 0 | | | *Less*—<br>Arrear recoveries... ... ... .. | 1,53,014 16 8 | | |
| | 1,06,69,352 1 | | | | 86,60,458 1 9 | | |
| *Add*—<br>Outstandings for the year at the close of the year ... ... ... ... ... | 4,45,177 7 10 | | | *Add*—<br>Outstandings for the year at the close of the year ... ... ... ... ... | 3,18,445 6 7 | | |
| | | 1,11,14,529 9 0 | | | | 89,78,903 8 4 | |
| 2. Water Tax and Miscellaneous Water Works Revenue at 3¾ per cent. on rateable value— | | | | 2. Water Tax and Miscellaneous Water Works Revenue at 3 per cent. on ratable value— | | | |
| Total collections booked ... ... ... | 48,48,252 1 1 | | | Total collections booked ... ... ... | 36,18,898 13 4 | | |
| *Less*— | | | | *Less*— | | | |
| Recoveries for previous years ... ... | 62,410 10 11 | | | Recoveries for previous years ... ... | 46,879 15 2 | | |
| | 47,85,841 6 2 | | | | 35,72,018 14 2 | | |
| *Add*—<br>Outstandings for the year at the close of the year ... ... ... ... ... | 2,33,905 6 11 | | | *Add*—<br>Outstandings for the year at the close of the year ... ... ... ... ... | 1,51,413 8 3 | | |
| | | 50,19,746 13 1 | | | | 37,23,432 6 5 | |
| 3. Halalkhore Tax at 3 per cent.— | | | | 3. Halalkhore Tax at 3 per cent.— | | | |
| Total collections booked ... ... ... | 26,47,244 9 1 | | | Total collections booked ... ... ... | 23,74,866 13 9 | | |
| *Less*—<br>Arrear recoveries ... ... ... ... | 1,16,514 4 3 | | | *Less*—<br>Arrear recoveries... ... ... ... | 50,066 0 0 | | |
| | 25,30,730 4 10 | | | | 23,24,800 13 9 | | |
| *Add*—<br>Outstandings for the year at the close of the year ... ... ... ... | 1,35,083 9 7 | | | *Add*—<br>Outstandings for the year at the close of the year ... ... ... ... ... | 1,09,991 6 3 | | |
| | | 26,65,813 14 5 | | | | 24,34,792 4 0 | |
| | | | 1,88,00,090 4 6 | | | | 1,51,37,128 2 9 |

| | |
|---|---|
| Net Income from Property Taxes for 1922-23 ... ... ... ... ... ... ... ... ... ... | Rs. 1,88,00,090 4 6 |
| *Deduct*—Net Income from Property Taxes for 1921-22 ... ... ... ... ... ... ... ... ... ... | „ 1,51,37,128 2 9 |
| | Rs. 36,62,962 1 9 |
| *Deduct*—Increase in outstanding balances ... ... ... ... ... ... ... ... ... ... ... ... | „ 2,34,316 3 3 |
| Net increase in 1922-23 over 1921-22 ... ... ... ... ... ... ... ... ... ... ... | Rs. 34,28,645 14 6 |

## OCTROI DUTIES.

20. As usual the various articles on which duty was levied at the time of import under the provisions of Section 192 (1) of the Municipal Act the amount levied and refunds allowed thereon under Section 192 (2) on their export, are shown in Appendix No. 14.

The gross collections for the year were estimated at Rs. 43,50,000 the refunds at Rs. 22,50,000 and the net revenue at Rs. 21,00,000. The actual gross realizations by the Port Trust and the two Railways were Rs. 34,07,196 and the refunds paid aggregated Rs. 16,90,391.

The net revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 16,91,565 showing a decrease of Rs. 4,48,110 as compared with the actuals of the previous year, *viz.*, Rs. 21,39,675.

The net realizations after deducting the cost of collection amounted to Rs. 14,46,289 against Rs. 18,89,644 in the previous year.

21. Appendix No. 15 shows the net revenue derived from each dutiable article during the ten years ending 1922-23, Appendix No. 16 the actual collections, the refunds admitted, and the net revenue during the five years ending 1922-23, and Appendix No. 17, the gross collections for the year from each dutiable article month by month from each source with the total refunds admitted as compared with the figures of the preceding year.

## COTTON DUTY.

22. From 1st January 1921, a non-refundable Town Duty of Re. 1 per bale was levied for the first time on raw cotton imported into the City under Bombay Act XX of 1920, the net proceeds of the duty after deducting cost of collection being divisible between Government and the Municipality in the proportion of 4 to 3. Under this arrangement the net total collections by the two Railways and the Port Trust for the year under report amounted to Rs. 37,87,743-15-8, of which Rs. 21,64,425-2-1 represents the share of Government and Rs. 16,23,318-13-7 that of the Municipality. The amount remitted to Government was Rs. 20,91,253-14-0 leaving a balance of Rs. 73,171-4-1 still payable.

## REVENUE EXPENDITURE.

23. The final sanctioned grants amounted in the aggregate to Rs. 2,92,77,069 as follows :—

| | | |
|---|---|---|
| Budget Grants ... ... ... ... ... | Rs. | 2,68,96,583 |
| Lapsed Grants ... ... ... .. ... | „ | 17,95,107 |
| Additional Grants ... ... ... ... | „ | 18,48,379 |
| Total ... | Rs. | 3,05,40,069 |
| Savings as per revised estimates ... ... | „ | 12,63,000 |
| Final sanctioned grants ... ... ... | Rs. | 2,92,77,069 |

24. The transfers made from one Budget head to another without in any way affecting the total Budget provision for the year amounted to Rs. 6,13,548.

25. The total expenditure actually incurred against the aggregate final sanctioned grant, the amount of unexpended balance renewed and the savings are shown below :—

| Final sanctioned grant. | Expenditure. | Balance. | Amount to be renewed. | Net savings. | Percentage of savings on the final sanctioned grant *minus* renewals. | Percentage of savings in 1921-22. |
|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | |
| 2,92,77,069 | 2,61,61,439 | 31,15,630 | 21,11,307 | 10,04,323 | 3·7 | 1·50 |

26. The following figures show the percentage of savings to sanctioned grants for the last five years making no allowance for renewals :—

| Year. | Final sanctioned grants after deducting savings taken credit for in the Revised Estimates. | Unappropriated net savings. | Percentage. |
|---|---|---|---|
| | Rs. | Rs. | |
| 1918-19 ... ... | 1,87,67,255 | 3,73,533 | 1·99 |
| 1919-20 ... ... | 2,06,07,315 | 5,32,130 | 2·58 |
| 1920-21 ... ... | 2,29,21,619 | 13,65,767 | 2·96 |
| 1921-22 ... ... | 2,46,03,389 | 3,43,328 | 1·39 |
| 1922-23 ... ... | 2,92,77,069 | 10,04,323 | 3·43 |

27. The following table shows the results in regard to total savings for each year from 1918-19 to 1922-23 :—

| — | 1918-19. | 1919-20. | 1920-21. | 1921-22. | 1922-23. |
|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| Savings as estimated in the Revised Estimates ... ... | 33,500 | 1,50,000 | 60,000 | 7,11,287 | 12,63,000 |
| Further savings accrued in final accounts ... ... ... | 3,73,533 | 5,32,130 | 13,65,767 | 3,34,327 | 10,04,323 |
| Total Rs. ... | 4,07,033 | 6,82,130 | 14,25,767 | 10,45,614 | 22,67,323 |

28. In the following statement the gross grants sanctioned from 1917-18 are compared with the lapses year by year :—

| — | Gross grants sanctioned. | Savings on Revised Estimates. | Expenditure booked against gross grants. | Lapses on final grants sanctioned. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| 1918-19 ... | 1,88,00,755 | 33,500 | 1,70,26,649 | 17,40,606 |
| 1919-20 ... | 2,07,57,315 | 1,50,000 | 1,83,09,276 | 22,98,039 |
| 1920-21 ... | 2,29,81,619 | 60,000 | 2,02,02,301 | 27,19,318 |
| 1921-22 ... | 2,53,14,676 | 7,11,287 | 2,24,64,954 | 21,38,435 |
| 1922-23 ... | 3,05,40,069 | 12,63,000 | 2,61,61,439 | 31,15,630 |

The total lapsed grants required to be renewed in 1923-24 aggregate Rs. 21,11,307 against Rs. 17,95,108 in 1922-23.

29. The heads under which the renewals are required will be found in Appendix No. 2.

The more important renewals and the percentage of renewed grants to grants allotted are shown in the following table :—

| Percentage of renewals to total sanctioned grants. | Departments and Service Heads. | Total Renewals. |
|---|---|---|
| | | Rs. |
| | I—General Supervision, Collection of Revenue and | |
| 8·91 | A.—General Superintendence ... ... ... | 49,814 |
| 1·61 | B.—Collection of Revenue ... ... ... | 11,161 |
| 21·75 | C.—Upkeep of Municipal Buildings ... ... | 14,511 |
| 11·88 | D.—General Stores ... ... ... ... | 11,453 |
| 3·30 | F.—Miscellaneous Charges ... ... ... | 10,141 |
| 100·00 | New Works ... ... ... ... ... | 11,655 |
| 5·40 | II—Water Works ... ... ... ... ... | 2,28,700 |
| 10·70 | IV—Education Secondary ... ... ... ... | 8,685 |
| 7·31 | V—Public Health ... ... ... ... ... | 79,228 |
| 6·50 | VI—Hospitals and Medical Relief ... ... ... | 70,915 |
| 8·63 | VII—Street Cleansing and Conservancy including Road Watering. | 3,49,394 |
| 9·20 | VIII—Roads and Overbridges ... ... ... ... | 4,65,549 |
| 21·81 | IX—Public Lighting ... ... ... ... ... | 2,15,747 |
| 6·89 | X—Drainage and Sewerage including the Halalkhore Branch. | 2,96,569 |
| 9·80 | XI—Fire Brigade ... ... ... ... ... | 47,941 |
| 4·73 | XII—Building Regulations and other measures for securing the Public Safety. | 20,410 |
| 10·77 | XIII—Gardens and Open Spaces ... ... ... | 35,097 |
| 20·04 | XIV—Markets and Slaughter Houses ... ... ... | 1,79,874 |

30. In the Revised Estimates the figure of lapsed grants was put at Rs. 12,00,000 The higher figure of Rs. 21,11,307 is principally accounted for under Water Works, Street Cleansing and Conservancy, Roads and Overbridges, Public Lighting, Drainage, and Markets and Slaughter Houses.

### *Comparison between the actual expenditure during* 1921-22 *and* 1922-23.

31. The Revenue Expenditure of the year under report as compared with the preceding year shows increases aggregating Rs. 43,01,040 under various heads and decreases aggregating Rs. 6,04,555 under other heads, leaving a net increase of Rs. 36,96,485.

The increases and decreases are dealt with in the following paragraphs :—

I. *General Superintendence and Collection of Revenue.*—The increases under these heads aggregating Rs. 1,09,366 were principally due to the revision of salaries, to the acting allowances granted in the leave arrangement of the Municipal Commissioner and to the General Election of Councillors in January 1923 under the revised constitution of the Corporation. Against these increases there was however a set off of Rs. 16,920 under Town Duty Collection owing to decreased commission on account of falling off in Town Duties collected.

There was an increase of Rs. 1,00,910 under F. Miscellaneous Charges due to (1) the enhancement in the Municipal Auditors' allowance, (2) contribution paid to Government towards the construction of the Gateway of India at the Apollo Pier, and (3) the writing down of 3 per cent. and 3½ per cent. Government Paper held in Surplus Funds.

The increase of Rs. 54,349 in G. Election Expenses, represents the expenditure incurred in the preparation of the voters' list, and final election roll which increased in bulk on account of the franchise granted to tenants paying a rent of Rs. 10 per month in the City of Bombay.

II. *Water Works.*—There was a large increase of Rs. 12,35,835 which was almost entirely on account of increased expenditure under Debt charges owing to the raising of New Loans for the Tansa Triplication Scheme. There were also decreases aggregating Rs. 1,40,489 mainly owing to less expenditure under C. Repairs and Maintenance, D. Meters, and New Works.

III. *Education.*—The net increase of Rs. 2,35,235 is due to the policy of extending primary education in the City.

V. *Public Health.*—The increases totalling Rs. 89,654 were due to increases in salaries and wages, increased outlay on Plague, Supervision of City Milk Supply, Malaria, Census and New Works. These were counterbalanced to the extent of Rs. 39,533 by decreased charges under Epidemics, Vaccination, Cemeteries, Laboratory and other Miscellaneous Charges.

VI. *Hospitals and Medical Relief.*—The increases under this head amount to Rs. 64,764 and are principally due to increased expenditure on Arthur Road Hospital (Rs. 10,694), Maratha Hospital (Rs. 3,875), Maternity Homes (Rs. 7,481), Medical and Nursing Aid to poor people (Rs. 6,947), Grants-in-aid to Public Medical Institutions (Rs. 17,812) and Debt Charges (Rs. 13,459). The decreases amount to Rs. 3,298 only.

VII. *Street Cleansing and Conservancy, including Road Watering, B. Street Cleansing and Conservancy.*—There was a net increase of Rs. 45,784 made up principally as under :—

| | Increase. | Decrease. | Remarks. |
|---|---|---|---|
| | Rs. | Rs. | |
| Superintendence and Inspection ... | 28,850 | ...... | Due to increase in salaries and wages of the staff and to the grant of annual increments to employes holding progressive appointments. |
| Veterinary ... ... ... ... | 4,629 | ...... | Do. do. do. |
| Street Cleansing and Sanitation ... | 90,755 | ...... | Due to additional staff for road cleansing purposes. |
| Gully Flushing ... ... ... | 13,489 | ...... | Increase in running expenses and maintenance of hydrants. |
| Removal of Town refuse to Tardeo for transport to Deonar ... ... | ...... | 91,419 | Due to decrease in (1) purchase of bullocks, (2) running expenses and repairs. |
| Loading Sidings at Mahaluxmi and Colaba ... ... ... ... ... | ...... | 17,211 | Decrease in maintenance and repair charges. |
| Miscellaneous ... ... ... ... | 16,299 | ...... | Due to special repairs. |

C. *Transport of Refuse, etc., to Deonar.*—The decrease of Rs. 15,283 is due to more haulage charges having remained outstanding at the close of the year for payment in 1923-24.

D. *Road Watering.*—There was a decrease of Rs. 35,310 under this head due to more tarring works having been carried out during the year under report and less watering having consequently been called for.

With extended loan operations the Debt charges automatically increased.

There was an increase of Rs. 7,498 on account of New Works.

VIII. *Roads and Overbridges.*—Excluding Interest and Debt which automatically increase with increased loan expenditure the most important increases were in salaries, (Rs. 51,836), heavier outlay on tarring (Rs. 1,16,135) increased outlay on ordinary repairs (Rs. 43,504) and also on bituminous construction of roads (Rs. 6,21,486).

An increase of Rs. 85,800 due to higher charges for labour and materials had to be paid to the Bombay Port Trust for increased area cleaned and watered by them in docks and wharves.

There was a decrease of Rs. 96,157 in Street Improvements on account of reduction in the unexpended grant of the preceding year renewed in the year under report and also on account of non-addition to this grant of the receipts for set-forward lands, etc.

IX. *Public Lighting.*—The increase of Rs. 1,82,421 was due principally to increase in—

(*a*) Establishment (Rs. 7,350).

(*b*) Gas Charges (Rs. 1,19,126).

(*c*) Maintenance of Incandescent Oil Lamps (Rs. 44,117).

(*d*) Lighting Port Trust Wharves and Roads (Rs. 11,583).

X. *Drainage and Sewerage including Halalkhore Branch.*—

There were increases of Rs. 6,990 in A. General Charges principally under Depreciation and of Rs. 7,557 under different heads under B. Miscellaneous Drainage.

With the increased borrowings the debt charges increased by Rs. 1,19,085.

New Works show an increase of Rs. 1,16,429.

There were increases of Rs. 61,730 in certain heads which were set off by a decrease of Rs. 46,700 under Pumping Station, Love Grove, as shown below :—

| | Increase.<br>Rs. | Decrease.<br>Rs. | Remarks. |
|---|---|---|---|
| (*a*) Inspection and Supervision. | 3,908 | ...... | Due to the arrear charges paid during the year on account of the revision of the grades of officers. |
| (*b*) Compressor Station, Colaba... | 10,152 | ...... | Due principally to the working of the station with full pressure for removing the accumulated silt and to the frequent cleaning of the various sealed sewage mains. |
| (*c*) Pumping Station, Love Grove. | ...... | 46,700 | Due to bills for coal and machinery not having been received during the year and to the supply of chains for the screening chamber having been received in 1923-24. |
| (*d*) Compressor Station, Love Grove... ... ... ... | 14,754 | ...... | Due to more consumption of coal during 1922-23. |
| (*e*) Compressor Station at Bhandarwada ... ... ... | 16,991 | ...... | Due to the duplication of the Air Compressor set. |
| (*f*) Compressor Station at Fergusson Road (Arthur Road) upkeep ... ... ... | 11,353 | ...... | Due to an additional station having been constructed during the year. |
| (*g*). Flood Gates ... ... ... | 4,573 | ...... | Due to special repair work to the storm water drains having been executed during the year. |

D. *Halalkhore Branch.*—The increase of Rs. 35,359 is due to larger expenditure incurred under B.—Cleaning and Sanitation, C.—Bullock Traction and other miscellaneous charges.

The increase is made up as under :—

| | Increase. | Decrease. | Remarks. |
|---|---|---|---|
| | Rs. | Rs. | |
| B. Cleansing and Sanitation ... | 26,878 | ...... | Due to additional staff. |
| C. Bullock Traction— | | | |
| 1. Labour ... ... ... | 6,930 | ...... | Due to increased strength of bullocks. |
| E. Miscellaneous... ... ... | 1,551 | ...... | Due to more consumption. |

XI. *Fire Brigade.*—The increase of Rs. 8,008 was principally in revision of salaries and wages, repairs and maintenance, and new works.

XII. *Building Regulations and other measures for securing the public safety.*—The net increase of Rs. 65,283 is due principally to revision of salaries, and to increased charges on various establishment, under this head.

XIII. *Gardens and Open Spaces.*—The net increase of Rs. 10,481 is due mainly to increased Debt charges under this head.

XIV. *Markets and Slaughter Houses.*—The net increase of Rs. 1,25,249 is made up as under :—

| | Increase. | Decrease. | Remarks. |
|---|---|---|---|
| | Rs. | Rs. | |
| Markets and Slaughter Houses. | 1,04,222 | ... | Increase in staff, special repairs, lighting charges and feed of cattle. |
| Meat Carriage... ... | 5,462 | ... | Increase in the number of motor drivers, running expenses, repairs, purchase of live stock and depreciation charges. |
| Refrigerator ... ... | 6,971 | ... | New item. |
| Debt Charges ... ... | 27,923 | ... | Interest on loans raised |
| New Works ... ... | ... | 19,329 | ...... |
| | 1,44,578 | | |

XV. *Contribution to the City Improvement Trust.*—There was an increase of Rs. 2,08,433 due to enhanced General Tax realizations through increased taxation.

*Investment of sale proceeds of Municipal Lands in the Municipal Land and Building Fund.*—There was an increase of Rs. 65,456, due to more receipts on account of sale of Municipal lands in 1921-22, which were transferred by way of an additional grant to the Lands and Buildings Fund and to the transfer to this Fund of the sale proceeds of set forward land, etc., which were hitherto credited to the Street Improvement grant.

Reviewing the extent to which there have been permanent additions to our revenue expenditure during the year, I consider the various additions in our recurring outlay may be placed at a total figure of Rs. 24,00,000 as follows :—

| | Rs. |
|---|---|
| General Superintendence ... ... ... | 50,000 |
| Assessment and Collection Department ... ... | 60,000 |
| Education, Primary ... ... ... ... | 2,50,000 |
| Public Health Department ... ... ... | 10,000 |
| Hospitals ... .. ... ... ... | 60,000 |
| Street Cleansing, etc. ... ... ... ... | 60,000 |
| Public Lighting ... ... ... ... | 1,50,000 |
| Drainage and Sewerage... ... ... ... | 50,000 |
| Building Regulations and other measures for Public Safety ... | 50,000 |
| Markets and Slaughter Houses ... ... ... | 1,00,000 |
| Contribution to City Improvement Trust ... ... | 2,10,000 |
| Municipal Debt ... ... ... ... | 13,50,000 |
| Total Rs. ... | 24,00,000 |

Comparing the figures of Rs. 24,50,000 shown above with the expansion in income given in para. 19 as Rs. 42,00,000 it will appear as if the income continues to grow faster than the expansion in expenditure. But it must be remembered that the increased income is only due to the increase in the rates of taxation for the year and not so much to progressive development of the City.

On examining the above list of heads of expenditure in which a permanent increase in expenditure has taken place it will be noted that the expenditure head, Roads and Over-bridges, does not figure as in the past when it formed one of the principal items of growing expenditure and this is due to the new policy of constructing roads out of Capital Funds, according to new methods of construction that would meet the demands of heavy traffic more satisfactorily than before and the annual cost of maintenance is thereby expected to be very much reduced.

The apparent excess of the increase in income over that in expenditure will, however, disappear in increased charges on account of interest and sinking fund necessitated by the very heavy capital borrowings raised and to be raised on account of Water Works, Bituminous Roads, New Footpaths, the New Drainage Scheme, Housing of Employees, Public Health and Hospitals, and buildings for schools due to the gradual introduction of compulsory education and it will be a problem to balance the next year's budget without further increases in taxation. The increasing expenditure on account of compulsory primary education will have to be met by a special tax and unless this is done the expenditure will have to be met by increasing the general tax which will reduce our borrowing capacity.

In addition to the necessity of a special tax for education there is a clear case for taking immediate steps to remove the legal restriction under section 140(*b*) of the Municipal Act limiting the halalkhore tax to 3 per cent. of the rateable value as even now the expenditure of the Corporation on that account is considerably in excess of the receipts from the tax. This discrepancy will be all the greater with the expenditure of large sums on a new Main Drainage Scheme.

## SURPLUS CASH BALANCE.

32. It will be seen from para. 4 that the closing working cash balance stood at Rs. 87,31,944. Excluding from this amount, the minimum balance of Rs. 1,00,000 required by law, Rs. 19,07,255 earmarked for payment to the City Improvement Trust in 1923-24, Rs. 21,11,307 reserved for renewals during 1923-24, Rs. 11,35,032 being the amount of stores in hand(excluding stores held on capital account to the extent of Rs. 4,00,000), Rs. 13,21,009 the amount advanced for the purchase of plant and machinery and Rs. 1,51,623 the net amount advanced for miscellaneous advances (Rs. 3,77,377 less Rs. 2,25,754 the amount advanced for Loan Works), the unhypothecated Surplus Cash Balance works out at Rs. 20,05,718 against Rs. 20,08,370 at the close of 1921-22, showing a decrease of Rs. 2,652, as under :—

| | | Rs. |
|---|---|---|
| Increase in contribution reserved for payment to the City Improvement Trust ... ... ... ... ... ... | | 1,22,249 |
| Increase in plant and machinery ... ... ... ... | | 2,93,874 |
| Increase in lapsed grants ... ... ... ... ... | | 3,16,199 |
| | | Rs. 7,32,322 |
| | Rs. | |
| *Less*— | | |
| Decrease in the balance of Reserve Stock ... ... | 1,13,768 | |
| Decrease in Miscellaneous Advances ... ... | 23,878 | |
| Excess receipts over payments ... ... ... | 5,92,024 | |
| | | 7,29,670 |
| | | Rs. 2,652 |

Taking this sum of Rs. 20,05,718 as our opening asset, the following statement shows in balance sheet form, the state of our Surplus Cash Balance at date, as far as I can judge it.

| Liabilities. | Rs. | a. | p. | Assets. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|
| Deficit for 1923-24 ... | 2,31,387 | 0 | 0 | By balance as above ... | 20,05,718 | 0 | 0 |
| To grants already sanctioned and to be sanctioned. | 1,16,366 | 0 | 0 | For depreciation on Plant and Machinery included in the Budget for 1923-24. | 2,10,529 | 0 | 0 |
| Additional Grants under Statement D. | 3,15,000 | 0 | 0 | | | | |
| Liability for payment to the Lands and Buildings Fund. | 70,043 | 0 | 0 | Rebate to Revenue for interest on Loans utilized for Improvement Schemes. | 1,50,000 | 0 | 0 |
| Advances ... ... ... | 1,45,759 | 0 | 0 | | | | |
| Liability for rent receipts from Buildings belonging to Development Schemes. | 75,000 | 0 | 0 | | | | |
| Plant and Machinery ... | 5,11,906 | 0 | 0 | | | | |
| **Surplus** ... ... ... | 9,00,786 | 0 | 0 | | | | |
| | 23,66,247 | 0 | 0 | | 23,66,247 | 0 | 0 |

The results show that although our Surplus Cash Balance reveals a considerable improvement over that of this time last year, we have still to advance very slowly in the year 1923-24. We fortunately have savings in interest charges during the year 1923-24, but the position must obviously demand the greatest restraint in keeping within sanctioned grants and resisting demands for additional grants and transfers from savings.

## LOANS RAISED.

33. The total Loans raised from the Public and the amounts spent therefrom are shown as under :—

| | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|
| Total Loans raised ... ... ... ... ... ... ... | | | | 11,10,00,500 | 0 | 0 |
| *Less*— | | | | | | |
| Works executed (Appendix No. 7)— | | | | | | |
| (*a*) Loan allotments (Col. 12) ... ... | 9,20,86,824 | 2 | 11 | | | |
| (*b*) Savings on different Loans (Col. 12) ... | 38,36,850 | 11 | 5 | | | |
| (*c*) Advances from Loan Funds (Col. 14) ... | 95,00,977 | 2 | 9 | | | |
| | 10,54,24,652 | 1 | 1 | | | |
| *Less*— | | | | | | |
| Surplus on old Workshops ... ... ... | 94,788 | 8 | 3 | 10,53,29,863 | 8 | 10 |
| Balance (App. No. VII) ... | | | | 56,70,636 | 7 | 2 |
| *Add*— | | | | | | |
| Amount of bill loan for levelling and metalling private streets ... | | | | 5,00,000 | 0 | 0 |
| | | | | 61,70,636 | 7 | 2 |
| *Less*— | | | | | | |
| Expenditure incurred on the Park and other Development Schemes at Mahim over and above the advance of Rs. 31 lakhs obtained therefor from Government ... ... ... ... | | | | 5,72,754 | 1 | 1 |
| Balance at the end of 1922-23 (App. No. VI) ... | | | | 55,97,882 | 6 | 1 |

Of this balance Rs. 30,00,000 is in paper which will become available for expenditure when it can be invested in the sinking funds, per Standing Committee Resolution No. 12661 of 23rd March 1921.

Rupees 50 lakhs out of the Second Instalment of the Loan of Rs. 1½ crores was taken up from Government at 6½ per cent. (inclusive of income tax) with option to the Corporation to repay the loan after 15 years.

A further instalment of Rs. 115 lakhs out of the 140 Lakhs Loan was taken up from Government, but the terms thereof have yet to be approved by Government.

A twelve months bill loan of Rs. 5 lakhs was borrowed from the Imperial Bank of India on 19th January 1923 at 5½ per cent. discount, free of Income Tax to the Bank, for levelling, metalling and improving Private Streets, the cost thereof being recoverable from the owners of houses abutting on such street.

## DEBT AND SINKING FUNDS.

34. The following statement summarizes the state of the Debt during the year:—

| —— | Due to Government. | | | Due to Public. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| Balance at 1st April 1922 ... | 1,70,14,366 | 14 | 9 | 7,77,62,500 | 0 | 0 | 9,47,76,866 | 14 | 9 |
| *Add*— | | | | | | | | | |
| Loan raised ... ... ... | 1,65,00,000 | 0 | 0 | 5,00,000 | 0 | 0 | 1,70,00,000 | 0 | 0 |
| | 3,35,14,366 | 14 | 9 | 7,82,62,500 | 0 | 0 | 11,17,76,866 | 14 | 9 |
| Repayment in 1922-23 ... ... | 34,016 | 13 | 0 | 4,05,000 | 0 | 0 | 4,39,016 | 13 | 0 |
| Balance at 31st March 1923 ... | 3,34,80,350 | 1 | 9 | 7,78,57,500 | 0 | 0 | 11,13,37,850 | 1 | 9 |
| *Less*— | | | | | | | | | |
| Outstanding Debentures of the Drainage Loan of 1878 redeemable on or prior to 1st January 1920, covered by renewed grant ... ... ... ... | ...... | | | 2,500 | 0 | 0 | 2,500 | 0 | 0 |
| Outstanding Debt at 31st March 1922 ... ... ... ... | 3,34,80,350 | 1 | 9 | 7,78,55,000 | 0 | 0 | 11,13,35,350 | 1 | 9 |
| Amount of Invested Sinking Fund at 31st March 1923 ... | 4,49,092 | 4 | 9 | 2,63,76,212 | 6 | 8 | 2,68,25,304 | 11 | 5 |
| | 3,30,31,257 | 13 | 0 | 5,14,78,787 | 9 | 4 | 8,45,10,045 | 6 | 4 |
| *Less*— | | | | | | | | | |
| Balance held in the General Fund on account of outstanding debentures redeemable as under:— | | | | | | | | | |
| 20 Lakhs Loan for Plague purposes due 1st May 1920 ... | ...... | | | 3,500 | 0 | 0 | 58,000 | 0 | 0 |
| 4½ Lakhs Loan for Fire Brigade quarters and stations due 1st January 1923 ... ... ... | ...... | | | 54,500 | 0 | 0 | | | |
| | 3,30,31,257 | 13 | 0 | 5,14,20,787 | 9 | 4 | 8,44,52,045 | 6 | 4 |

35. From Appendix No. 10 it will be seen that including interest due, but not collected, and excluding Rs. 4,50,000 on account of the 4½ Lakhs Fire Brigade Loan repaid on 1st January 1923, the invested balance of the Sinking Funds on 31st March 1923 amounted to Rs. 2,71,73,630-6-9 which was Rs. 10,716-6-9 in excess of what should have accumulated for the purpose for which the funds have been created.

36. The sub-joined statement shows the various kinds of paper with the amounts held in the Sinking Fund at 31st March 1923: —

| Name of Sinking Fund. | 5 per cent. Municipal Debentures. | 4 per cent. Municipal Debentures. | 6 per cent. 5 year Bonds 1927. | 5½ per cent. Indian War Bonds 1923. | 5½ per cent. Indian War Bonds 1925. | 5 per cent. War Loan 1929-47. | 4 per cent. Govt. Terminable Loan of 1915-16. | 4 per cent. Govt. Paper of the conversion Loan of 1916-17. | 4 per cent. Bombay Port Trust Debentures. | 4 per cent. Bombay Improvement Trust Debentures. | 6 per cent. 5 year bonds 1926. | 6½ per cent. Bombay Development Loan. | Grand Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 5 per cent. Municipal Loans Sinking Fund .. | 48,80,000 | 11,38,500 | 500 | 81,000 | 50,000 | 9,000 | .. | 24,00,000 | 50,000 | 25,24,500 | 5,82,300 | 1,38,000 | 1,18,48,800 |
| 4 per. cent. Municipal Loans Sinking Fund 3½ per cent. basis.. | 1,22,500 | 61,87,000 | .. | 1,84,000 | 1,00,000 | .. | 52,900 | .. | 5,53,000 | 5,39,000 | 6,25,200 | 4,81,500 | 88,45,1[illegible] |
| 4 per cent. Municipal Loans Sinking Fund 3 per cent. basis.. | 1,000 | 33,45,000 | .. | 1,36,600 | 6,00,000 | 15,400 | .. | .. | .. | .. | 3,08,900 | 5,65,500 | 49,72,400 |
| 3½ per cent. Municipal Loans Sinking Fund. | 27,000 | 24,500 | .. | .. | .. | .. | .. | .. | .. | 4,11,500 | 15,900 | 9,500 | 4,88,400 |
| 6&6½ per cent. Municipal Loans Sinking Fund 4 per cent. basis.. | .. | .. | 3,89,500 | 66 500 | .. | .. | .. | .. | .. | .. | 1,76,800 | 89,600 | 6,72,300 |
| Face value .. | 50,30,500 | 1,06,95,000 | 3,90,000 | 4,68,100 | 7,50,000 | 24,400 | 52,900 | 24,00,000 | 6,03,000 | 34,75,000 | 17,09,100 | 12,29,000 | 2,68,27,000 |

All the securities held in the Sinking Funds are not only redeemable at par, calling for no depreciation provision but having regard to the rapidly approaching dates of repayment of the earlier 5 per cent. Loans, all Sinking Fund Investments are now being made in high-yielding short-term Government Bonds and in such of the Debentures of these Municipal Loans as are available in the market at reasonable rates, and we are in a position to meet all our redemption liabilities as and when they arise. The 42 lakhs loan became due for repayment after the close of the year on 1st July 1923.

37. The Investment of the Net Premia Fund at 31st March 1923 stood at Rs. 13,08,600 (market value Rs. 8,04,789, which has at the date of writing this report considerably augmented) and is sufficient to meet contingencies.

## EXPENDITURE ON LOAN WORKS.

*Appendix No. 8.*

38. The sub-joined statements show the figures of the Revised Estimates and the Actuals under the Major Heads :—

| —— | Revised Estimates. | | | Expenditure. | | |
|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. |
| *A.* Buildings and Sanitary Structures ... ... ... | 44,95,400 | 0 | 0 | 34,20,169 | 11 | 1 |
| *B.* Roads and Overbridges ... | 67,59,056 | 0 | 0 | 26,72,279 | 3 | 0 |
| *C.* Drainage ... ... ... | 24,58,000 | 0 | 0 | 6,70,022 | 3 | 7 |
| *D.* Water Works ... ... ... | 95,43,700 | 0 | 0 | 66,06,849 | 7 | 1 |
| *E.* Cemeteries ... ... ... | 2,93,600 | 0 | 0 | 18,873 | 14 | 4 |
| *F.* Disposal of Town Sweepings.. | 1,00,000 | 0 | 0 | ......... | | |
| *G.* Miscellaneous ... ... ... | 8,36,800 | 0 | 0 | 6,45,610 | 13 | 5 |
| Total Rs. ... | 2,44,86,556 | 0 | 0 | 1,40,33,805 | 4 | 6 |

## DEVELOPMENT FUNDS.

| —— | Revised Estimates. | | | Gross Expenditure. | | | Deduct sale proceeds of surplus land. | | | Net Expenditure. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| Mahim Development Schemes ... | 34,88 000 | 0 | 0 | 34,22,234 | 6 | 2 | 1,58,758 | 9 | 6 | 32,63,475 | 12 | 8 |
| Other Schemes ... ... ... | 68,50,000 | 0 | 0 | 56,05,563 | 8 | 0 | 20,532 | 0 | 0 | 55,85,031 | 8 | 0 |
| Total Rs. ... | 1,03,38,000 | 0 | 0 | 90,27,797 | 14 | 2 | 1,79,290 | 9 | 6 | 88,48,507 | 4 | 8 |

## LAND AND BUILDING FUND.

39. Against the Revised Estimates of Rs. 1,12,000, the net expenditure amounted to Rs. 47,867-14-7 (Gross Expenditure Rs. 1,71,867-14-7 less sale-proceeds of surplus land, &c., Rs. 24,000 and contribution from Port Trust of Rs. 1,00,000 for acquisition of properties for Victoria Road Overbridge West Approach).

## LIABILITIES AND ASSETS.

*Appendices Nos.* 5 and 6.

40. It will be seen that the gross revenue liabilities of the Corporation stood at Rs. 1,19,91,334-0-8 the assets being Rs. 1,67,04,715-5-1. The difference of Rs. 47,13,381-4-5 represents the Surplus Revenue Funds as shown in Appendix No. 3.

41. The gross capital liabilities of the Corporation stood at Rs. 12,10,58,938-2-4 at the close of the year under report and the assets at Rs. 16,32,50,505-6-4 resulting in a Surplus of Rs. 4,21,91,567-4-0, the details of which are shown in Appendix No. 6.

I have often urged a revaluation of our assets on accepted account principles. It is needed, I trust my representation of the necessity for separating the advance payments on account of the purchase of lands to be subsequently sold may receive consideration so as to separate final assets from the advance accounts.

## INVESTMENTS AND INVESTED BALANCES.

42. In the original Budget Estimates a sum of Rs. 6,50,000 was estimated to be derived from interest on Investments of Surplus Loan and other balances.

It was decreased to Rs. 3,49,621 in the revised estimates. The actual realizations, however, amounted to Rs. 4,04,427, the increase being due to loan balances having been available for investment in respect of the Instalment received from Government on account of Rs. 1¼ crores loan (2nd Instalment of Rs. 75 lakhs) and Rs. 140 lakhs loan.

This income of Rs. 4,04,427 was derived from the following sources:—

| | | Rs. |
|---|---|---|
| (1) | On Current Account Deposits at a rate between 2 per cent. and 3 per cent. ... ... ... ... ... | 19,893 |
| (2) | On Fixed Deposits .. ... ... ... ... | 1,13,400 |
| (3) | Deposits at call ... ... ... ... ... ... | 35,517 |
| (4) | On Investments in Government and other Securities ... | 2,35,617 |
| | Total ... | 4,04,427 |

43. Inclusive of investments on account of Sinking, Insurance, Worn-out Water-mains Renewal, Net Premia, Lands and Buildings and Mahim Development Funds, the total sum of investment and re-investment arranged for by this department during the year aggregated Rs. 4,42,59,425:—

| | | Rs. |
|---|---|---|
| (1) | Current Account Deposits ... ... .. ... | 1,53,19,000 |
| (2) | Fixed Deposits ... ... ... ... ... ... | 1,00,00,000 |
| (3) | Deposits at call ... ... ... ... ... ... | 1,60,00,000 |
| (4) | Sinking and Special Funds ... ... ... ... | 29,40,425 |
| | Total ... | 4,42,59,425 |

The average rate of interest on fixed deposits was 6·32 per cent. against 5·35 per cent. in the preceding years, and in deposit at call was 6·39 per cent. The rates realized for Fixed Deposits ranged from 4 per cent. to 8½ per cent. and in deposits at call from 5¼ per cent. to 7¾ per cent. The maximum rate realized in the preceding year was 6¾ per cent.

The average rate of interest in Current Account Deposits was 2·49 per cent. and in securities held in Surplus and Loan Funds was 4·6 per cent. and on the total invested Funds was 4·8 per cent.

## SPECIAL FUNDS.

*Appendices Nos. 4 and 5.*

44. The opening and closing balances to the credit of the different Reserve Funds the additions made thereto and the withdrawals made therefrom during the year are shown in Appendix No. 4. The details of the different Investments and the current market value are shown in Appendix No. 5A, while Appendix No. 5 contains the total amount of paper held in each Fund and the Cash Balance to its credit in the Imperial Bank of India.

The Municipal Land and Buildings Fund and the Mahim Development Fund will be found in Appendices Nos. 4 and 6.

## WATER WORKS ACCOUNT.

*Appendix No. 12.*

*Income and Expenditure Account.*

45. The following statement shows the income and expenditure for the year as contrasted with the original estimates and the figures for the preceding year :—

| — | Budget Estimates for 1922-23. | Actuals for 1922-23. | Actuals for 1921-22. | Increase or Decrease. | |
|---|---|---|---|---|---|
| | | | | As compared with the Budget Estimates. | As compared with the previous year. |
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| Income ... | (a)<br>47,71,000 | 48,48,252 | 36,18,899 | + 77,252 | + 12,29,353 (b) |
| Expenditure... | 47,85,001 | 40,75,983 | 29,55,431 | − 7,09,018 | + 11,20,552 (c) |
| Surplus ... | ... | 8,24,575 | 6,63,468 | *Plus* Rs. | 1,08,801 |

(a) This does not include anything for interest on invested balances.

(b) Due to increased rates on taxation both on value as well as by meter measurement, increased assessments of properties and more receipts on account of compounded Water Tax.

(c) Increase principally due to the increased cost of maintenance and collection and to the payment of the Interest and Sinking Fund Instalments in respect of the 1½ crores Loan, and Interest accrued but not paid on the Water Works portions of various Loans.

46. As required by Corporation Resolution No. 6570 of 15th February 1912, a detailed statement of income realized for the year under report as compared with the preceding five years is attached to Appendix No. 12.

## ASSETS AND LIABILITIES.

47. The liabilities at the beginning of the year stood at Rs. 3,54,22,322-15-5. They were increased at the close of the year to Rs. 4,61,63,032-1-1, being an increase of Rs. 1,07,40,709-1-8 as under :—

Increase due to Water Works portions as under :—

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| 1½ crores Loan ... ... ... | | 1,07,79,000 0 0 |
| *Less*— | | |
| Repayment of the Vehar Loan ... | 34,016 13 0 | |
| Drainage Loan of 1878 (Water Works portion) ... ... | 927 15 10 | |
| 4½ Lakhs Loans (Water Works portion) | 3,346 1 6 | |
| | | 38,290 14 4 |
| | | 1,07,40,709 1 8 |

The assets aggregated Rs. 6,31,49,113-11-2 against Rs. 6,27,40,783-7-11 at the close of the previous year, showing an increase of Rs. 4,08,330-3-3 and were made up of (1) Works executed out of Loan and Reserve Funds, (2) Sinking Fund investments, (3) works met out of (a) the contribution from the G. I. P. Railway for removing and relaying 32″ Vehar Main at Kurla, and (b) the Worn-out Water Mains Renewal Fund Investments, and (4) investment on account of the Net Premia Fund."

From Appendix No. 13 it will be seen that the excess of assets over liabilities amounted to Rs. 44,01,569-8-1 after providing Rs. 1,17,28,863-3-6 for the Sinking Fund and Rs. 8,55,648-14-6 for Special Funds.

## SUSPENSE ACCOUNT.

### A.—Deposits.

48. The Cash Deposits outstanding at the close of the year aggregated Rs. 25,36,565-9-1 against Rs. 21,45,158-11-8 at the end of the year 1921-22 and were made up of :—

| | Rs. | a. | p. |
|---|---|---|---|
| (1) Cash Deposits from Tenderers ... ... | 2,75,469 | 12 | 0 |
| (2) „ „ „ Contractors ... ... | 3,73,239 | 14 | 2 |
| (3) „ „ received from Departmental Officers ... ... ... ... ... | 6,02,450 | 15 | 3 |
| (4) Other Cash Deposits ... ... ... ... | 11,59,235 | 14 | 11 |
| (5) Deposits on account of works performed for private parties ... ... ... ... ... | 1,26,169 | 0 | 9 |
| Rs. | 25,36,565 | 9 | 1 |

In addition to this, balances of miscellaneous Cash Deposits amounted to Rs. 35,755-2-8. This figure is made up of Government taxes, profit on sale of stores made during February and March and adjusted during 1923-24, donations from the public for relief to sufferers during epidemics, etc.

### B.—Inter-Departmental Charges.

*Workshops.*

49. The opening balance was Rs. 2,72,344-11-8 or Rs. 47,486-2-3 more than in the preceding year.

The cost of labour and supervision staff employed, and of stores used on the works turned out in the Shops during the year amounted to Rs. 6,49,424-4-3 against Rs. 7,01,294-9-7 in the previous year. The total outlay in the Workshops during the year together with the opening balances aggregated Rs. 9,21,768-15-11. The net recoveries during the year amounted to Rs. 7,18,082-0-10 (Gross Rs. 7,57,469-15-7 *minus* profit Rs. 39,387-14-9) and the outstanding at the end of the year, including incomplete jobs, aggregated Rs. 2,03,686-15-1.

The outstandings are made up of the following items :—

| | Rs. | a. | p. |
|---|---|---|---|
| Debit items— | | | |
| Outstanding bills ... ... ... ... ... | 1,92,668 | 14 | 11 |
| Incomplete jobs ... ... ... ... ... | 9,650 | 6 | 0 |
| Expenditure for 1923-24 charged to the accounts for 1922-23 ... ... ... ... ... | 3,077 | 12 | 6 |
| Credits for 1921-22 and 1922-23 adjusted in the accounts for 1923-24 ... ... ... ... | 29 | 5 | 1 |
| Total, Debit... | 2,05,426 | 6 | 6 |

| | Rs. | a. | p. |
|---|---|---|---|
| Credit items— | | | |
| Charges for 1922-23 booked in the accounts for 1923-24 ... ... ... ... | 464 | 11 | 5 |
| Credit booked in 1922-23 but taken in Workshops Balance Sheet in 1923-24 ... ... ... | 1,274 | 12 | 0 |
| Total, Credit ... | 1,739 | 7 | 5 |
| Net Outstanding = Rs. | 2,03,686 | 15 | 1 |

50. The supervision charges on all jobs at 25 per cent. amounted to Rs. 1,39,085-6-0. Deducting therefrom the sum of Rs. 500 on account of value of a Fire Engine Boiler and adding Rs. 1,545-12-6 (Rs. 891-1-6 on account of sale of unserviceable articles and Rs. 654-11-0 realized by the hire of plant, &c.) the gross earnings of the shops aggregated Rs. 1,40,131-2-6 from which the following shop and supervision, &c., charges amounting to Rs. 100,743-3-9 had to be met.

| | | Rs. | a. | p. |
|---|---|---|---|---|
| (1) Supervising Establishment and Contingencies. | Rs. | 45,784 | 14 | 2 |
| (2) Shop Charges ... ... ... ... | „ | 54,958 | 5 | 7 |
| | Rs. | 1,00,743 | 3 | 9 |

The Excess of supervision charges at 25 per cent. over the supervising Establishment Contingencies and shop charges was thus Rs. 39,389-14-7 against Rs. 46,173-10-0 for the last year.

Against this result would have to be placed if the accounts were correctly maintained a proportion of the salary of the Deputy Executive Engineer, Mechanical Branch, amounting to say Rs. 6,000 and interest and sinking fund charges on Capital amounting to Rs. 39,000 and a small sum not known for repairs to Buildings, the sum total of which would not be covered by the profit alluded to above.

*Other Works.*

51. The outstanding balances on 31st March 1923, in respect of Departmental and Private Works executed by different branches of the Executive Engineer's Department (excluding Workshops) and the Health Department are contrasted below with those on 31st March 1922 :—

| — | Balance on 31st March 1922. | Balance on 31st March 1923. | More. | Less. | REMARKS. |
|---|---|---|---|---|---|
| *A.*—DEPARTMENTAL WORKS. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| (1) Drainage ... ... | 3,772 4 0 | (*a*) 8,993 5 0 | 5,221 1 0 | ...... | (*a*) Out of this, Rs. 1,916-15-0 represent the value of stores issued in March 1923, bills for which are to be adjusted in 1923-24. |
| (2) Roads and Buildings Branch. | 17,155 12 8 | (*b*) 21,419 9 8 | 4,263 13 0 | ...... | ...... |
| (3) Water Works Branch. | 25,206 7 6 | (*c*) 35,535 1 5 | 10,328 9 11 | ...... | (*c*) Out of this, Rs. 23,468-1-0 represent the value of stores issued in March 1923, bills for which are to be adjusted in 1923-24. |
| (4) Lighting Health Camps, etc. | (*d*) *Cr.* 126 0 0 | (*d*) *Cr.* 126 0 0 | ...... | ...... | (*d*) This is on account of excess recovery over actual cost which will be credited to Municipal Revenue. |
| (5) Nowrojee Hill Quarry. | 1,39,272 15 6 | (*e*) 59,126 15 1 | ...... | 80,146 0 5 | (*e*) This amount represents the expenditure incurred on these quarries which will be adjusted against the grants for the works on which the materials will be used. |
| (6) Sewree Hill Quarry. | 1,00,662 2 9 | *Cr.*(*f*) 7,609 2 1 | ...... | 1,08,271 4 10 | (*f*) This represents profit on issue of materials at fixed rates, and will be adjusted in 1923-24. |
| Total Rs. ... | 2,85,943 10 5 | 1,17,339 13 1 | 19,813 7 11 | 1,88,417 5 3 | |
| *B.*—PRIVATE WORKS. | | | | | |
| Drainage Branch ... | 44,448 14 3 | (*g*) 17,198 14 9 | ...... | 27,249 15 6 | (*g*) Out of this, Rs. 235-1-7 represent the value of stores issued in March 1923, bills for which are to be adjusted in 1923-24. |
| Roads and Buildings Branch. | 2,21,628 2 4 | 1,08,415 1 4 | ...... | 1,13,213 1 0 | ...... |
| Levelling and Metalling Private Roads. | 56,150 4 11 | 85,716 15 4 | 29,566 10 5 | ...... | ...... |
| Water Works Branch ... | 16,709 8 2 | (*h*) 19,232 9 3 | 2,513 1 1 | ...... | (*h*) Out of this, Rs. 3,152-9-3 represent the value of labour and stores issued in March 1923, bills for which are to be adjusted in 1923-24. |
| Government of Bombay working of the lethal chamber for the destruction of stray dogs. | 1,166 14 9 | 2,124 8 5 | 957 9 8 | ...... | ...... |
| Health Department (removing chokes). | 2,109 1 3 | 1,787 2 6 | ...... | 321 14 9 | ...... |
| Total Rs. ... | 3,42,512 13 8 | 2,34,465 3 7 | 33,037 5 2 | 1,40,784 15 3 | |

With regard to outstandings in respect of Water Works Branch, a bill amounting to Rs. 9,498-3-9 for making water connection to the famine camp at Chembur was preferred against the Executive Engineer, Thana, but he having repudiated his liability for the payment the question of adjustment of the cost is under consideration.

52. The outstandings in respect of Municipal Quarries at Nowroji Hill and Sewree are shown separately as separate accounts for them have been maintained since 1st April 1921. The outstandings in respect of Nowroji Hill Quarry are due to bills for metal, &c., supplied for different works remaining unadjusted till 31st March 1922. The outstandings in respect of Private Works, Roads and Buildings Branch are due to bills against public bodies, public utility companies and private parties and to those against the houseowners of private lanes not having been fully recovered before the close of the year. The outstandings in respect of Private Works, Drainage Branch, are due to bills against houseowners for providing drainage arrangements in private streets in the case of which no deposit can be recovered in advance.

### *Advances to Municipal Officers.*

53. The outstandings on the 31st March 1923 aggregated Rs. 80,196-13-4 against Rs. 2,37,454-6-8 on 31st March 1922 ; Rs. 19,502-9-6 represent the sum allotted to the different Heads of Departments as standing advances for contingent expenses ; Rs. 4,675 represent the law charges incurred in connection with the purchase of the Bombay Tramways ; Rs. 11,000 were advanced in connection with the Solicitors' Bills regarding Ali Mahomed's Stables at Love Grove ; Rs. 15,674 paid to Mr. Sanderson Lea, Solicitor, London, in connection with the Privy Council Appeal of the Fort Press Co., Limited, for their Armenian Lane Property acquired in connection with the Church Gate Street Scheme. The remaining balance is comprised of small items which call for no remarks.

### *Advances to Contractors.*

54. The outstanding at the close of the year amounted to Rs. 37,951-0-4 against Rs. 2,360-12-0 at the end of 1921-22. An advance to Messrs. Braithwaite & Co. (Engineers), Limited, of Rs. 35,315-6-5 for coal supplied by the Municipality is included in this amount and will be adjusted in 1923-24.

### *Miscellaneous.*

55. Out of the outstandings of Rs. 3,77,376-9-1 the following are the principal items :—

| | | Rs. | a. | p |
|---|---|---|---|---|
| (1) | Levelling and metalling, &c., Wanzawadi... ... ... | 25,600 | 8 | 3 |
| (2) | Advances to Railway Companies for freight, &c., charges for cement ... ... ... ... ... ... | 11,000 | 0 | 0 |
| (3) | Arbitration and other expenses in connection with the purchase of Tramways ... ... ... ... ... | 5,623 | 14 | 10 |
| (4) | Expenditure in the suit filed by the Tramway Company against the Municipality ... ... ... ... ... | 4,410 | 5 | 7 |
| (5) | Cost of filling in the Framji Cavasji Tank to be subsequently adjusted against the sale proceeds of the reclaimed land. | 3,832 | 6 | 2 |
| (6) | Advance to G. I. P. Railway Company in Connection with the foot-bridge at Dadar ... ... ... | 96,000 | 0 | 0 |
| (7) | Metalling, levelling, &c., Chinchpokli Cross Lane ... | 50,362 | 1 | 9 |
| (8) | Advance to Overseers and Sub-overseers of the Road Branch for the purchase of Bycicles ... ... ... | 13,624 | 8 | 7 |
| (9) | Moiety of expenses paid to the Agent, B. B. & C. I. Railway, for widening Frere Bridge at Grant Road ... | 1,18,754 | 0 | 0 |
| (10) | Levelling, metalling, &c., Ghellabhai Street ... ... | 12,971 | 15 | 11 |
| (11) | Do. do. Tardeo Road ... ... | 7,149 | 10 | 4 |
| (12) | Cost of repairs charges for damage done to Gas Lamps by rioters ... ... ... ... ... ... | 9,772 | 9 | 1 |

Items Nos. 1, 7, 10 and 11 are being recovered from the house-owners concerned. Item No. 2 is being adjusted against the works to which the cement is issued. As regards Items 3 and 4 the Municipal Solicitors have been instructed to negotiate with the Tramway Company. Item 5 awaits the sale of the land. Items Nos. 6 and 9 will be adjusted against Loan Funds on receipt of accounts from the Railway Companies. Items Nos. 8 and 12 will be adjusted against recoveries.

## *Reserve Stock.*

56. The receipts of General Stores during the year as per my books aggregated Rs. 20,36,772-3-2 and the issues Rs. 18,29,451-4-9, thus resulting in an increase of Rs. 2,07,320-14-5 in the balance of current stores. There was a reduction during the year in the balance of Surplus and Obsolete Stores from Rs. 1,992-4-5 to Rs. 1,988-8-5.

57. The work of verification of stock, floating assets, fixtures, consumable stores, &c., held by the various Departments and the preparation of regular registers of such stock and stores, &c., in connection therewith have been entrusted to Messrs. S. B. Billimoria & Co., with the approval of Standing Committee. (*Vide* Resolution No. 4989 of 8th September 1922.) They started the work on 9th November 1922 and a report of the result will be made to the Corporation hereafter.

58. The balances of the general, *i.e.*, current serviceable stores in charge of the Storekeeper are compared below for the last five years:—

| | | | Rs. | a. | p. |
|---|---|---|---|---|---|
| Balance at the close of | | 1918-19 ... ... ... ... | 5,75,906 | 6 | 7 |
| Do. | do. | 1919-20 ... ... ... ... | 4,93,314 | 15 | 8 |
| Do. | do. | 1920-21 ... ... ... ... | 7,68,161 | 8 | 5 |
| Do. | do. | 1921-22 ... ... ... ... | 11,76,349 | 6 | 9 |
| Do. | do | 1922-23 ... ... ... ... | 13,83,670 | 5 | 2 |

The large increase in the reserve stock balance has adversely affected our surplus cash balance. This point cannot be too strongly emphasized, as with our surplus balances reduced to so low a figure any further increase might seriously affect our financial position. The Test Audit Officer who joined his appointment on 30th June 1923 has commenced his investigations and may show ways and means of reducing the stores balances.

## *Capital Stores.*

A new depot has been opened during the year for capital stores at Mahalaxmi Dhobi Ghat.

The receipts on that account aggregated Rs. 15,925-0-8.

59. The balances of Reserve Stock in hand in all departments at the close of the year as per the general books of this office amounted to Rs. 15,35,032-6-11 against Rs. 14,23,800-5-2 at the close of the preceding year, showing an increase of Rs. 1,11,232-1-9 as detailed below :—

The non-adjustment of items of stock amounting to Rs. 1,31,674-11-3 alluded to below is due principally to want of grants.

| DEPARTMENTS | 1921-1922. | | | 1922-1923. | | | Increase or Decrease. |
|---|---|---|---|---|---|---|---|
| | Serviceable Stores. | Surplus and Obsolete Stores. | Total. | Serviceable Stores. | Surplus and Obsolete Stores. | Total. | |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1. General Stores Department. | 11,76,349 6 9 | 1,992 4 5 | 11,78,341 11 2 | (a)13,83,670 5 2 | 1,988 8 5 | 13,85,658 13 7 | + 2,07,317 2 |
| 2. Water Works Imprest ... | 7,802 10 5 | ...... | 7,802 10 5 | 6,423 10 7 | ...... | 6,423 10 7 | — 1,378 15 10 |
| 3. Executive Engineer's Department (Purchase of Kerosine Oil). | 355 1 0 | ...... | 355 1 0 | 461 11 6 | ...... | 461 11 6 | + 106 10 6 |
| 4. Executive Engineer's Department (Purchase of Stores for Roads). | 1,19,304 2 0 | ...... | 1,19,304 2 0 | ...... | ...... | ...... | — 1,19,304 2 0 |
| 5. Line Suspense Account ... | 95,625 0 5 | ...... | 95,625 0 5 | (a)1,04,412 15 7 | ...... | 1,04,412 15 7 | + 8,787 15 2 |
| 6. Mechanical Engineer's Department. | 15,495 0 0 | ...... | 15,495 0 0 | 18,668 11 0 | ...... | 18,668 11 0 | + 3,173 11 0 |
| 7. Stores in charge of the Drainage Engineer. | 6,876 12 2 | ...... | 6,876 12 2 | 3,481 8 0 | ...... | 3,481 8 0 | — 3,395 4 2 |
| 8. Capital Stores ... ... | ...... | ...... | ...... | 15,925 0 8 | ...... | 15,925 0 8 | + 15,925 0 8 |
| Total Rs. ... | 14,21,808 0 9 | 1,992 4 5 | 14,23,800 5 2 | 15,33,043 14 6 | 1,988 8 5 | 15,35,032 6 11 | + 1,11,232 1 9 |

*N.B.*—This office is not aware what system of account keeping is adopted for items 3, 4, 6 and 7.

(a) The difference between this amount of which Rs. 4,00,000 are on Capital account and that shown by the Storekeeper is Rs. 1,31,674-11-3 which is due to non-adjustment in the books of the Chief Accountant of the value of stores issued to the different Departments. This will be adjusted in the next year's account.

## STREET IMPROVEMENTS.

60. The amounts made available on account of acquisition of set-backs during the year were as under :—

| | Rs. | a. | p. |
|---|---|---|---|
| (*a*) From Revenue— | | | |
| Budget provision ... ... ... ... ... | 1,00,000 | 0 | 0 |
| Renewed grant ... ... ... ... ... | 369 | 0 | 0 |
| Rs. | 1,00,369 | 0 | 0 |

Against this sum Rs. 1,00,006-5-3 were actually paid, leaving a balance of Rs. 362-10-9 which has been treated as savings as no provision has been made under revenu in 1923-24.

| | Rs. | a. | p. |
|---|---|---|---|
| (*b*) From Capital— | | | |
| Unexpended balance on 1st April 1923 out of the allotment in— | | | |
| 50 Lakhs Loan ... ... ... ... ... | 48,201 | 7 | 9 |
| 140 Lakhs Loan raised during 1922-23 ... ... | 2,38,800 | 0 | 0 |
| Rs. | 2,87,001 | 7 | 9 |

The provision actually made in the revised Loan Works Budget was Rs. 4,00,000 the expenditure booked being Rs. 3,99,887-12-4 (Rs. 48,201-7-9 out of 50 Lakhs Loan, Rs. 2,38,800-0-0 out of 140 Lakhs Loan and Rs. 1,12,886-4-7 out of Advances from loans.)

After allowing for all ascertained time-barred claims, the undischarged commitments upto 31st July 1923 in regard to set-backs already acquired and sanctioned to be acquired amounted to Rs. 17,91,597-9-5, against which we have sanctioned funds aggregating Rs. 4 lakhs as detailed below. A sum of Rs. 3 lakhs has been included for Street Improvement in the Loan of Rs. 2,50,00,000 sanctioned by the Corporation under their Resolution No. 3571 of 23rd July 1923 and Rs. 1 lakh has been provided for Street Improvements out of Lands and Buildings Fund for reasons stated at page 92 of the estimates for 1923-24 and it is being proposed to supplement this grant still further by Rs. 2 lakhs from the same Fund.

The excess of liabilities over funds available thus amounts up to 1923 to Rs. 13,91,597-9-5. An addition of at least 30 per cent. has to be made to this to provide for increase in rates when the time for payment of claims actually matures. We have to remember also that further liabilities will be sanctioned during the remainder of the year 1923-24 for set-backs.

## GENERAL FINANCIAL POSITION.

61. On the latest Budget data our Income and Expenditure and margin of borrowing powers for general purposes except Fire Brigade and Water Works may be stated as follows :—

| | Rs. | Rs. |
|---|---|---|
| Income as per Budget for 1923-24 ... | ... | 2,96,85,300 |
| *Deduct*—Fire Tax ... ... ... | 5,48,000 | |
| Water Tax ... ... ... ... | 53,00,000 | |
| | | 58,48,000 |
| | | 2,38,37,300 |
| *Add*—Difference between General Tax at 11 per cent. and maximum at 17 per cent. leviable under the Municipal Act ... ... ... ... ... | | 65,59,638 |
| Total, Income ... | | 3,03,96,938 |
| Expenditure as per Budget for 1923-24... ... ... | | 2,99,16,687 |
| | Rs. | |
| *Deduct*—Fire Brigade ... ... | 4,83,695 | |
| Water Works ... ... | 51,31,179 | |
| | | 56,14,874 |
| Total expenditure (except Fire Brigade and Water Works.) | | 2,43,01,813 |
| Balance of taxation against which loans can be raised for purposes other than Fire Brigade and Water Works ... ... | | 60,95,125 |

Against the margin of Rs. 60,95,125 at maximum rates of taxation loans could be raised to the extent of about Rs. 8,38,00,000 at the prevailing rates for Government loans. In calculating this balance of taxation for purposes of determining the loan that could be raised it has been usual to assume that the revenue to be derived from the margin of taxation, will be wholly available for purposes of the loan and that the growing expenditure in years to come will be fully met by the growing revenue at the current rates of taxation but I am of opinion that it will not always be so and later on we may find that our borrowing capacity is really not as much as we expected it to be.

The chances of getting Government grants for School buildings are getting more remote on account of Government's own financial difficulties and whatever Government may decide ultimately to contribute on this account the Corporation must be prepared to provide the funds in the first instance.

We have already committed ourselves to making of new roads out of loan funds, new Drainage schemes and to extensive building works in connection with staff housing, markets, primary education and medical relief, while the question of the extension of the Municipal Head Office building is daily growing more urgent. Our road reconstruction programme will still require large capital outlay and our development schemes which have greatly exceeded the original estimates will require very heavy borrowings. So far the capital raised for development purposes is the Government advance of Rs. 31 lakhs for development of Mahim and pending Government sanction to the specific loans the expenditure on these schemes has been mostly met from the ordinary loan funds. In view of the fact that Government have not yet seen their way to accord sanction to the required borrowings for development and also partly for general loan works for the year under report and that a large part of the expenditure has been already incurred and paid for out of general loan funds it is a matter which requires very serious attention and the question of getting in time sanction to there quired borrowings must be taken up with Government in all earnestness. The necessity for stopping most of the expenditure on development schemes from being met out of general loan funds has been already realised but unless Government is moved to accord sanction in reasonable time we shall have to adopt, as a permanent measure, the more correct policy of not incurring any expenditure on development schemes unless and until the specific borrowings have been sanctioned and the funds raised therefor.

## FIRE BRIGADE.

62. During the year the Fire Tax was levied at ½ per cent. The following statement shows the Income and Expenditure for the year as contrasted with the figures for the preceding year :—

| — | Actuals for 1922-23. | | | Actuals for 1921-22. | | | Excess of 1922-23 over 1921-22. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| Income ... ... ... ... | 4,75,603 | 9 | 9 | 3,34,371 | 9 | 1 | 1,41,232 | 0 | 8 |
| Expenditure including New Works and the Interest and Sinking Fund Charges on the 4½ Lakhs Fire Brigade Loan and on portions of the 55 Lakhs Loan, 2nd 30 Lakhs Loan and 140 Lakhs Loan ... ... .. | 4,02,391 | 9 | 10 | 3,94,384 | 3 | 9 | 8,007 | 6 | 1 |
| Surplus Rs.... | 73,211 | 15 | 11 | ...... | | | ...... | | |

The following statement shows the reduction of the deficit from Fire Tax upto 31st March 1923 :—

| | | Rs. | a. | p. |
|---|---|---|---|---|
| Deficit at 1st April 1922 ... ... ... ... ... ... | | 85,370 | 2 | 2 |
| *Deduct*— | | | | |
| Surplus for the year 1922-23 ... ... .. ... ... | | 73,211 | 15 | 11 |
| Actual deficit on 31st March 1923 ... ... ... ... | Rs. | 12,158 | 2 | 3 |
| *Add*— | | | | |
| Amount to be renewed in 1923-24 on account of outstanding liabilities ... ... ... ... ... ... ... | | 47,941 | 0 | 0 |
| Total deficit on 31st March 1923 ... ... ... ... | Rs | 60,099 | 2 | 3 |

# REVENUE AND REFUND AUDIT, ASSESSMENT AND COLLECTION DEPARTMENT.

## QUARTERLY AUDIT OF BILLS OUTSTANDING.

63. In the year under report the balances of outstanding bills at different Ward Offices examined at the end of each quarter totalled 51,077 representing Rs. 92,80,129-3-3 as shown in the subjoined statement. They were duly checked in detail with the Ward Collection Books (Form XVI) and the Head Office Accounts (Forms 8 and 9) :—

| Ward. | Balances examined on 1st April 1922. | | Balances examined on 3rd July 1922. | | Balances examined on 2nd October 1922. | | Balances examined on 3rd January 1923. | | Total balances examined during the year. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | No of Bills. | Amount. | No. of Bills. | Amount. | No. of Bills. | Amount. | No. of Bills. | Amount. | No. of Bills. | Amount. |
| | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. |
| A ... | 992 | 1,80,454 11 11 | 3,735 | 8,98,146 11 2 | 1,337 | 1,76,720 12 11 | 3,303 | 9,23,807 8 8 | 9,367 | 21,79,129 12 8 |
| A(G.P.R.) | 191 | 81,213 0 2 | 413 | 4,39,969 4 5 | 159 | 67,963 7 10 | 563 | 6,04,786 4 5 | 1,326 | 11,93,932 0 10 |
| A (T) ... | 635 | 40,341 10 4 | 1,842 | 1,20,933 1 8 | 667 | 61,771 5 2 | 2,318 | 2,08,177 14 7 | 5,462 | 4,31,223 15 9 |
| B ... | 331 | 78,441 1 6 | 3,468 | 8,75,007 10 10 | 504 | 91,818 10 0 | 3,272 | 8,46,267 0 4 | 7,575 | 18,81,534 6 8 |
| C ... | 267 | 62,733 4 10 | 2,602 | 4,70,065 15 9 | 367 | 59,392 9 1 | 2,288 | 4,56,123 7 3 | 5,524 | 10,48,315 4 11 |
| D ... | 12,22 | 1,05,457 3 6 | 3,426 | 5,13,322 7 0 | 1,265 | 1,49,316 7 6 | 3,066 | 5,66,363 13 0 | 8,979 | 13,34,459 15 0 |
| E ... | 562 | 56,064 8 0 | 1,934 | 2,18,430 0 1 | 600 | 64,801 15 5 | 1,907 | 2,49,718 15 5 | 5,003 | 5,89,015 6 11 |
| F ... | 310 | 32,412 10 3 | 740 | 1,24,392 14 3 | 180 | 16,324 0 7 | 714 | 91,391 0 2 | 1,944 | 2,64,520 9 3 |
| G ... | 432 | 14,004 11 0 | 1,824 | 1,09,155 7 10 | 418 | 20,166 4 2 | 1,919 | 1,61,404 6 5 | 4,593 | 3,04,730 13 5 |
| Meterhire | 147 | 6,500 8 5 | 78 | 3,432 4 9 | 822 | 26,420 13 0 | 257 | 6,913 3 8 | 1,304 | 43,266 13 10 |
| Total... | 5,089 | 6,57,623 5 11 | 20,062 | 37,72,855 13 9 | 6,319 | 7,34,696 5 8 | 19,607 | 41,14,953 9 11 | 51,077 | 92,80,129 3 3 |

In addition to the above 3,454 bills in respect of street plates and additional general tax levied under the Police Act representing Rs. 20,504-14-3 were examined.

## DEMANDS, COLLECTIONS AND BALANCES.

64. The demands, collections and balances at the close of the year, audited in the manner contemplated by the Manual, are summarized below :—

| | General Tax. | Water Tax on value. | Water charge by meter measurement. | Water charge at compounded rates. | Halalkhore Tax on value. | Halalkhore Tax at special rate. | Wheel tax | Contribution in lieu of General Tax. | | Total. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Government. | Port Trust. | |
| | Rs. a. p. | Rs a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1. Total demands including previous year's outstanding. | 1,11,18,450 14 7 | 28,02,650 0 0 | 22,72,739 11 6 | 40,039 5 7 | 28,38,733 8 6 | 1,88,002 2 11 | 6,41,685 14 4 | 3,35,403 7 10 | 9,51,467 0 0 | 2,11,89,172 1 8 |
| 2. *Deduct* bills recalled which were either cancelled or in lieu of which amended bills were issued. | 9,37,328 5 5 | 1,94,359 5 1 | 40,861 14 7 | 9,344 7 11 | 2,21,607 9 11 | 4,383 1 4 | 19,575 0 0 | ...... | ...... | 14,27,459 12 5 |
| 3 Net demand ... | 1,01,81,122 9 2 | 26,08,290 10 11 | 22,31,877 12 11 | 30,694 13 8 | 26,17,125 14 7 | 1,83,619 1 7 | 6,22,110 14 4 | 3,35,403 7 10 | 9,51,467 0 0 | 1,97,61,712 5 0 |
| 4. (*a*) Collection paid into the Treasury including departmental adjustments. | 97,08,315 5 3 | 24,71,599 2 10 | 21,27,611 3 1 | 29,610 6 4 | 24,92,825 1 6 | 1,64,556 4 2 | 5,68,890 13 2 | 3,35,403 7 10 | 9,51,467 0 0 | 1,88,50,278 12 2 |
| (*b*) Irrecoverable bills written off. | ...... | ...... | ...... | ...... | ...... | ...... | 777 10 8 | ...... | ...... | 777 10 8 |
| (*c*) Balance at the close of the year. | 4,72,807 3 11 | 1,36,691 8 1 | 1,04,266 9 10 | 1,084 7 4 | 1,24,300 13 1 | 19,062 13 5 | 52,442 6 6 | ...... | ...... | 9,10,655 14 2 |
| Rs. ... | 1,01,81,122 9 2 | 26,08,290 10 11 | 22,31,877 12 11 | 30,694 13 8 | 26,17,125 14 7 | 1,83,619 1 7 | 6,22,110 14 4 | 3,35,403 7 10 | 9,51,467 0 0 | 1,97,61,712 5 0 |

### REFUND ON ACCOUNT OF VACANCIES, &c.

65. The number of claims for refund on account of vacancy and over-collection which were scrutinized and sanctioned during the year totalled 808, representing Rs. 61,052-4-2. In the previous year, the claims numbered 462, representing Rs. 37,121-9-1.

### DRAWBACK CLAIMS.

66. The number of claims to one-fifth drawback of the general tax scrutinized during the year was 988 out of which 251 were admitted. In the previous year the claims received aggregated 856 and those admitted were 55.

### ASSESSMENT BOOK.

67. The Assessment Book was subjected to scrutiny and it was ascertained that no property liable to pay any authorized tax or charges leviable in lieu thereof had escaped assessment.

### VEHICLES AND ANIMAL TAX BOOK.

68. The Register of Vehicle and Animal Tax (Form IV) was examined and the entries therein were checked with the Ward Superintendents' quarterly reports and the owners' returns. The number of entries scrutinized during the year were 33,493. In the previous year they totalled 33,899.

### PUBLIC LAND CONVEYANCES.

69. The revenue derived during the Calendar year 1922 from the tax on Public Land Conveyances licensed by the Police Commissioner under Bombay Act VI of 1863 and on taxi cabs during the official year under report was audited. The total number of vouchers was 10,420 which were duly checked with the Registers maintained in this office.

### AMENDMENT IN VALUATIONS.

70. The subsequent changes during the course of the year in the rateable value of properties and alterations in demands made through Increase and Decrease Registers (Form XI, XI-B and XI-C) were duly checked with the Tabulated Ward Reports and audit note books kept in this office.

### OTHER DEPARTMENTS.

71. The revenue books maintained in the Executive Engineer's Department (including general, Roads and Buildings and Drainage Departments), Hydraulic Engineer's Department, Health Department (including the offices of the Deputy Health Officers and the Conservancy Superintendent), Vaccination Department, Markets and Slaughter Houses, License Department, Victoria Gardens and the Fire Brigade Department were checked monthly with the permits, the counterfoils of receipts and the licenses and with other papers produced in support of the vouchers and the collection paid into the Municipal Treasury was duly verified. The number of vouchers examined was 1,12,730, representing Rs. 28,68,869-14-4.

### PERMITS ISSUED UNDER SECTION 390 OF THE MUNICIPAL ACT.

72. The permits issued under Section 390 of the Municipal Act in respect of newly established factories totalled 158 and brought in a revenue of Rs. 3,375.

## RENT BILLS AGAINST THE BOMBAY TELEPHONE COMPANY.

73. The proposal to change the mode of charging ground rent has been sanctioned by the Corporation under their Resolution No. 5187 of 31st October 1918 and the Company now pay the rental due to the Municipality every month. In the year under report the Company have paid Rs. 51,415-12-10 as rent.

## RENT BILLS AGAINST THE BOMBAY TRAMWAYS COMPANY.

74. Two bills (for the period from 1st April 1922 to the 31st March 1923) amounting to Rs. 62,141-0-10 were checked by this office in the year under report and have been duly paid by the Company and credited to the Municipal Fund.

## FINES LEVIED BY THE PRESIDENCY MAGISTRATES.

75. The total amount of fines recovered during the year under report in respect of offences committed against the several provisions of the Municipal Act was Rs. 1,00,457-10-6 which was duly paid into the Municipal Treasury. The cases in which the fines remained outstanding were brought to the notice of the Heads of the Departments concerned.

76. No very serious errors or irregularities were discovered in the course of Audit.

## COST OF DEPARTMENT.

77. The actual cost of establishment including Temporary and Loan Works Staff and the total receipts and disbursements from 1918-19 to 1922-23 together with the percentage of cost to receipts and disbursements are compared below :—

| YEARS. | Actual cost of Estt. including the Temporary & Loan Works Staff. | Total receipts. | Total disbursements. | Percentage of cost of Staff to receipts. | Percentage of cost of Staff to disbursements. |
|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | | |
| 1918-19 ... ... ... ... ... ... | 1,12,040 | 7,84,07,519 | 7,84,60,496 | ·14 | ·14 |
| 1919-20 ... ... ... ... ... ... | 1,21,586 | 9,82,97,150 | 9,79,81,515 | ·12 | ·12 |
| 1920-21 ... ... ... ... ... ... | 1,39,521 | 13,63,43,031 | 13,54,03,168 | ·10 | ·10 |
| 1921-22 ... ... ... ... ... ... | 1,57,624 | 14,55,45,196 | 14,22,79,480 | ·10 | ·11 |
| 1932-23 ... ... ... ... ... ... | 1,81,277 | 20,94,94,304 | 21,33,87,444 | ·09 | ·08 |

The receipts and disbursements together amounted in 1918-19 to Rs. 15,68,68,015 on which the percentage of cost of staff works out at ·071. In 1922-23 the two together amounted to Rs. 42,28,81,748 on which the percentage cost comes to ·0429. Thus while the total transactions increased from 15·69 crores to 42·29 crores or 170 per cent. the cost was reduced from ·071 per cent., or annas eleven per thousand to ·0429 per cent., or annas 6·9 per thousand of the aggregate transactions dealt with.

In the annual report for the year 1921-22 Mr. Waite had already represented the necessity of having an adequate staff adequately paid. The rate of increase in the total receipts and total disbursements will be obvious from the above table and it was only by strenuous overwork on the part of my officers and men that it was possible to push through such increased volume of work but as already remarked last year the pressure at which we are continuing our efforts cannot be indefinitely maintained without a serious breakdown. If an instance is needed of such breakdown the case of Mr. Waite himself is a glaring example. The tragic and sudden end of Mr. V. C. Virkar was due entirely to overwork.

In these circumstances it is only natural that I should place on record my grateful thanks to my staff for the consistent and loyal services they have rendered during a time of rapidly increasing stress.

78. The following are the appendices attached to my report :—

No. 1.—Statement showing the Income realized during 1922-23, as compared with estimates for the year as also with the actuals for the preceding year.

No. 2.—Statement showing the Expenditure during 1922-23, as compared with the final sanctioned grants and the actuals for the preceding year.

No. 3.—Statement of Surplus Reserve Fund.

No. 4.—Statement of Special Funds for 1922-23.

No. 5.—Balance Sheet (Revenue) as at 31st March 1923.

No. 5-A.—Comparison of Face, Purchase and Market Values at 31st March 1923 of the different securities held in the Special Funds.

No. 6.—Balance Sheet (Capital Funds) as at 31st March 1923.

No. 6-A.—Comparison of Face, Purchase and Market Values at 31st March 1923 of the different securities held in the Sinking Funds.

No. 7.—Statement showing (1) outstanding Municipal Loans, (2) the expenditure incurred against each of them, (3) the amounts withdrawn temporarily from their unexpended balances to meet the cost of new works, etc., and (4) invested balances of the loans on 31st March 1923.

No. 8.—Block Account, showing details of Capital Expenditure up to 31st March 1923.

No. 9.—Statement showing the outstanding Loans due by the Municipality on 31st March 1923.

No. 10.—Statement showing the amounts which should have accumulated in the Sinking Fund, on the basis of the fixed instalments and the amounts actually invested up to 31st March 1923.

No. 11.—Statement showing the interest outstanding on different Municipal Loans on 31st March 1923.

No. 12.—Water Works, Income and Expenditure Account, including statement of income realizations for 1922-23, and preceding five years from Water Supply through Meters.

No. 13.—Water Works Assets and Liabilities.

No. 14.—Statement of Town Duties collected and refunds allowed in 1922-23.

No. 15.—Statement of Net Town Duties collected during the ten years ending 1922-23.

No. 16.—Statement of gross Town Duties levied during the five years ending 31st March 1923, refunds allowed, and the net income realized during that period.

No. 17.—Statement showing Town Duty Collection from each source month by month with the refunds admitted for the year 1922-23, as contrasted with those for the year 1921-22.

No. 18.—Statement of the Income of the Bombay Municipality from 1865 to the close of the financial year 1922-23.

No. 19.—Statement of the Expenditure of the Bombay Municipality from 1865 to the close of the financial year 1922-23.

No 20.—Contrasted statement of Income and Expenditure from the year 1865 to the financial year 1922-23.

I have the honour to be,

Sir,

Your most obedient servant,

M. R. TAMBE,

*Acting Chief Accountant,*

*Bombay Municipality.*

# Appendix

# I N

STATEMENT showing the Net Receipts during the Financial year 1922-23 from all sources as

| Actuals for 1921-22. | PARTICULARS. | Details of Actuals. | Actuals for 1922-23. | Budget Estimate for 1922-23. |
|---|---|---|---|---|
| Rs. a. p. | **1.-General Tax, Indirect Taxation and Miscellaneous Revenue.** | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| At 9½ per cent. | A—General Tax at 11 per cent.— | | | |
| 65,65,332 15 1 | (1) From the Public ... ... ... | 82,85,219 0 9 | | 82,18,300 0 0 |
| 3,45,280 12 2 | (2) „ Government ... ... ... | 3,20,820 11 8 | | 3,20,700 0 0 |
| 8,08,390 13 4 | (3) „ Port Trust ... ... ... | 9,10,098 14 0 | | 8,96,200 0 0 |
| 2,10,495 13 7 | (4) „ C. I. Trust ... ... ... | 2,97,117 4 1 | | 2,43,100 0 0 |
| 5,49,600 13 2 | (5) „ Mills ... ... ... ... | 6,77,859 2 11 | | 7,01,700 0 0 |
| 84,79,101 3 4 | | | 1,04,91,115 1 5 | 1,03,80,000 0 0 |
| | B—Town Duties— | | | |
| 31,20,601 11 2 | (1) Through Port Trust ... ... | 25,95,251 4 8 | | 30,00,000 0 0 |
| 4,28,453 3 9 | (2) „ G. I. P. Railway ... ... | 5,08,544 14 10 | | 8,30,000 0 0 |
| 2,83,554 12 3 | (3) „ B. B. & C. I. Railway ... | 5,35,072 2 10 | | 5,20,000 0 0 |
| 38,32,609 11 2 | | | 36,38,868 6 4 | 43,50,000 0 0 |
| 16,93,934 12 0 | *Less*—Refunds ... ... ... ... | | 19,48,496 1 5 | 22,50,000 0 0 |
| 21,39,674 15 2 | | | 16,90,372 4 11 | 21,00,000 0 0 |
| 14,92,131 11 2 | C—Cotton Import Duty (Munl. Share 3/7th of net receipts) ... ... ... ... | | 16,23,023 11 11 | 12,00,000 0 0 |
| | D—Licenses— | | | |
| 38,395 1 7 | (1) Land, Conveyance Music, Licenses (issued by the Commissioner of Police) ... ... ... ... | | 40,379 4 0 | 25,000 0 0 |
| 1,43,750 0 0 | E—Liquor Licenses—Commuted payment from Government (Act V of 1878) ... | | 1,43,750 0 0 | 1,43,750 0 0 |
| 3,78,310 12 6 | F—Tobacco Duty—Net receipts from Government (Act IV of 1857) ... | | 3,81,342 14 1 | 4,40,000 0 0 |
| 5,02,183 5 5 | G—Interest and Profit on Investments of Surplus Loan and other Balances ... | | 4,04,427 8 5 | 6,50,000 0 0 |
| 24,377 0 0 | H—Interest on sums invested on Plant and Machinery ... ... ... ... ... | | 30,744 0 0 | 20,000 0 0 |
| | I—Miscellaneous— | | | |
| 6,302 10 11 | (1) Contribution from Munl. servants towards Pensions, etc., Fund ... | 7,708 7 0 | | 13,000 0 0 |
| 78,178 0 0 | (2) Fines for offences against the Law. | 1,02,603 10 6 | | 65,000 0 0 |
| 46,173 10 0 | (3) Net profit on Municipal Workshops | 39,387 14 9 | | 30,000 0 0 |
| ...... | (4) Net profit on Sale of Stores to contractors ... .. ... ... | .. ... | | ... .. |
| 8,452 9 6 | (5) Sale proceeds of unserviceable Tools and Plant ... ... ... | 3,915 11 0 | | 20,000 0 0 |
| 32,903 2 2 | (6) Miscellaneous receipts ... ... | 15,487 14 10 | | 3,000 0 0 |
| 3,818 6 0 | (7) Miscellaneous fees ... ... ... | 4,459 14 3 | | 7,000 0 0 |
| 43,269 6 1 | (8) Rent of buildings and lands ... | 1,14,822 1 8 | | 1,20,000 0 0 |
| 2,59,635 12 0 | (9) Sale proceeds of Lands and buildings ... ... ... ... ... | 28,746 6 5 | | 2,50,000 0 0 |
| 4,78,733 8 8 | Total, I—Miscellaneous ... | .. ... | 3,17,132 0 5 | 5,08,000 0 0 |
| 1,36,76,657 9 10 | Carried forward Rs. ... | ...... | 1,51,22,286 13 2 | 1,54,66,750 0 0 |

## No. 1.

## COME.

contrasted with the Actuals for 1921-22, the Original Budget Estimate and the Revised Estimate.

| Revised Estimate for 1922-23. | Compared with the Actuals for 1921-22. |  | Compared with the Original Estimate. |  | Compared with the Revised Estimate. |  |
|---|---|---|---|---|---|---|
|  | Increase. | Decrease. | More. | Less. | More. | Less. |
| Rs. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 86,07,000 | 17,19,886 1 8 | ...... | 66,919 0 9 | ...... | ...... | 3,21,780 15 3 |
| 3,20,821 | ...... | 24,460 0 6 | 120 11 8 | ...... | ...... | 0 4 4 |
| 9,10,099 | 1,01,708 0 8 | ...... | 13,698 14 0 | ...... | ...... | 0, 2 0 |
| 2,81,835 | 86,621 6 6 | ...... | 54,017 4 1 | ...... | 15,282 4 1 | ...... |
| 6,60,245 | 1,28,258 5 9 | ...... | ...... | 23,840 13 1 | ...... | 2,385 13 1 |
| 1,08,00,000 | 20,36,473 14 7 | 24,460 0 6 | 1,34,955 14 6 | 23,840 13 1 | 15,282 4 1 | 3,24,167 2 8 |
| 30,00,000 | ...... | 5,25,350 6 6 | ...... | 4,04,748 11 4 | ...... | 4,04,748 11 4 |
| 8,30,000 | 80,091 11 1 | ...... | ...... | 3,21,455 1 2 | ...... | 3,21,455 1 2 |
| 5,20,000 | 2,51,517 6 7 | ...... | 15,072 2 10 | ...... | 15,072 2 10 | ...... |
| 43,50,000 | 3,31,609 1 8 | 5,25,350 6 6 | 15,072 2 10 | 7,26,203 12 6 | 15,072 2 10 | 7,26,203 12 6 |
| 22,50,000 | ...... | 2,55,561 5 5 | ...... | 3,01,503 14 7 | ...... | 3,01,503 14 7 |
| 21,00,000 | 3,31,609 1 8 | 7,80,911 11 11 | 15,072 2 10 | 4,24,699 13 11 | 15,072 2 10 | 4,24,699 13 11 |
| 13,00,000 | 1,30,892 0 9 | ...... | 4,23,023 11 11 | ...... | 3,23,023 11 11 | ...... |
| 40,379 | 1,984 2 5 | ...... | 15,379 4 0 | ...... | 0 4 0 | ...... |
| 1,43,750 | ...... | ...... | ...... | ...... | ...... | ...... |
| 4,50,000 | 3,032 1 7 | ...... | ...... | 58,657 1 11 | ...... | 68,657 1 11 |
| 3,49,621 | ...... | 97,755 13 0 | ...... | 2,45,572 7 7 | 54,806 8 5 | ...... |
| 25,000 | 6,367 0 0 | ...... | 10,744 0 0 | ...... | 5,744 0 0 | ...... |
| 13,000 | 1,405 12 1 | ...... | ...... | 5,291 9 0 | ...... | 5,291 9 0 |
| 1,00,000 | 24,425 10 6 | ...... | 37,603 10 6 | ...... | 2,603 10 6 | ...... |
| 30,000 | ...... | 6,785 11 3 | 9,387 14 9 | ...... | 9,387 14 9 | ...... |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 500 | ...... | 4,536 14 6 | ...... | 16,084 5 0 | 3,415 11 0 | ...... |
| 5,000 | ...... | 17,415 3 4 | 12,487 14 10 | ...... | 10,487 14 10 | ...... |
| 5,000 | 641 8 3 | ...... | ...... | 2,510 1 9 | ...... | 540 1 9 |
| 1,00,000 | 71,552 11 7 | ...... | ...... | 5,177 14 4 | 14,822 1 8 | ...... |
| 50,000 | ...... | 2,30,889 5 7 | ...... | 2,21,253 9 7 | ...... | 21,253 9 7 |
| 3,03,500 | 98,025 10 5 | 2,59,627 2 8 | 59,479 8 1 | 2,50,347 7 8 | 40,717 4 9 | 27,085 4 4 |
| 1,55,12,250 | 26,08,383 15 5 | 11,63,754 12 1 | 6,58,654 9 4 | 10,03,117 12 2 | 4,54,646 4 0 | 8,44,609 6 10 |

# Appendix

I N

STATEMENT showing the Net Receipts during the Financial year 1922-23 from all sources as

| Actuals for 1921-22. | PARTICULARS. | Details of Actuals. | Actuals for 1922-23. | Budget Estimate for 1922-23. |
|---|---|---|---|---|
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,36,76,657 9 10 | Brought over Rs. ... | ...... | 1,51,22,286 13 2 | 1,54,66,750 0 0 |
| | **II.—Water Works.** | | | |
| | A.—Water Tax and Other Miscellaneous Water Works Revenue— | | | |
| 17,87,565 0 11 | (1) On Rateable Value ... ... ... | 24,62,403 10 0 | | 23,92,000 0 0 |
| 15,93,245 0 6 | (2) By Measurement per 1,000 gallons... | 21,29,122 2 7 | | 19,76,000 0 0 |
| 98,098 10 4 | (3) Rent of Water Meters ... ... | 60,589 5 8 | | 1,00,000 0 0 |
| 1,20,010 3 5 | (4) Compounded Tax ... ... ... | 1,47,478 10 6 | | 85,000 0 0 |
| 2,638 13 7 | (5) Rent of Buildings and Lands ... | 3,545 11 7 | | 1,000 0 0 |
| | (6) Miscellaneous— | | | |
| 620 1 5 | (a) Contribution from Munl. servants towards Pension, etc., fund ... | 1,348 1 9 | | 2,000 0 0 |
| 16,720 15 2 | (b) Miscellaneous receipts... ... | 43,764 7 0 | | 15,000 0 0 |
| 36,18,898 13 4 | | | 48,48,252 1 1 | 45,71,000 0 0 |
| | **III.—Education, Primary.** | | | |
| 4,41,232 4 10 | A.—Contribution from Government ... | 4,41,232 4 10 | | 7,00,000 0 0 |
| | B.—Miscellaneous— | | | |
| 142 6 7 | (1) Contribution from Munl. servants towards Pension, etc., Fund ... | 150 7 5 | | 250 0 0 |
| ...... | (2) Miscellaneous Receipts ... ... | ...... | | ...... |
| 4,41,374 11 5 | | | 4,41,382 12 3 | 7,00,250 0 0 |
| | **IV.—Education, Secondary.** | | | |
| | A.—Miscellaneous— | | | |
| 10 9 3 | (1) Contribution from Munl. servants towards Pension, etc., Fund ... | 51 0 6 | | 100 0 0 |
| 140 8 0 | (2) Miscellaneous Receipts ... ... | 63 0 0 | | ...... |
| 151 1 3 | | | 114 0 6 | 100 0 0 |
| | **V.—Public Health Department.** | | | |
| | A.—Miscellaneous— | | | |
| 3,329 13 9 | (1) Contribution from Munl. servants towards Pension, etc., Fund ... | 4,356 14 9 | | 6,500 0 0 |
| 8,977 10 4 | (2) Miscellaneous Receipts ... ... | 5,726 3 2 | | 7,000 0 0 |
| 17,770 4 3 | (3) Miscellaneous fees ... ... ... | 18,519 4 6 | | 20,000 0 0 |
| 32,062 3 9 | (4) Rent of Buildings and Lands ... | 31,510 7 8 | | 40,000 0 0 |
| 25,687 8 0 | (5) Sale of rights ... ... ... | 26,120 0 0 | | 30,000 0 0 |
| 87,827 8 1 | | | 86,212 14 1 | 1,03,500 0 0 |
| | **VI.—Hospitals and Medical Relief.** | | | |
| 17,818 6 0 | A.—Interest realised on donations from the Public ... ... ... ... | ...... | 41,825 11 5 | 35,000 0 0 |
| | B.—Miscellaneous— | | | |
| 955 7 4 | (1) Contribution from Munl. servants towards Pension, etc., Fund ... | 545 14 11 | | 1,500 0 0 |
| 1,931 8 0 | (2) Miscellaneous Receipts ... ... | 441 5 0 | | 2,000 0 0 |
| 2,255 12 0 | (3) Miscellaneous fees ... ... ... | 3,915 0 0 | | 3,000 0 0 |
| 22 13 0 | (4) Rent of Buildings and Lands ... | 320 11 6 | | ...... |
| 5,165 8 4 | | | 5,222 15 5 | 6,500 0 0 |
| 22,983 14 4 | Total, VI.—Hospitals, etc. ... | | 47,048 10 10 | 41,500 0 0 |
| 1,78,47,893 10 3 | Carried forward Rs. ... | ...... | 2,05,45,297 3 11 | 2,08,83,100 0 0 |

## No. 1—*continued.*

## COME.

contrasted with the Actuals for 1921-22, the Original Budget Estimate and the Revised Estimate.

| Revised Estimate for 1922-23. | Compared with the Actuals for 1921-22. | | Compared with the Original Estimate. | | Compared with the Revised Estimate. | |
|---|---|---|---|---|---|---|
| | Increase. | Decrease. | More. | Less. | More. | Less. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,55,12,250 0 0 | 26,08,583 15 5 | 11,62,754 12 1 | 6,58,654 9 4 | 10,03,117 12 2 | 4,54,646 4 0 | 8,44,609 6 10 |
| 25,30,000 0 0 | 6,74,838 9 1 | ...... | 70,403 10 0 | ...... | ...... | 67,596 6 0 |
| 21,25,000 0 0 | 5,35,877 2 1 | ...... | 1,53,122 2 7 | ...... | 4,122 2 7 | ...... |
| 60,000 0 0 | ...... | 37,509 4 8 | ...... | 39,410 10 4 | 589 5 8 | ...... |
| 1,07,000 0 0 | 27,468 7 1 | ...... | 62,478 10 6 | ...... | 40,478 10 6 | ...... |
| 2,500 0 0 | 906 14 0 | ...... | 2,545 11 7 | ...... | 1,045 11 7 | ...... |
| 1,500 0 0 | 728 0 4 | ...... | ...... | 651 14 3 | ...... | 151 14 3 |
| 24,000 0 0 | 27,043 7 10 | ...... | 28,764 7 0 | ...... | 19,764 7 0 | ...... |
| 48,50,000 0 0 | 12,66,862 8 5 | 37,509 4 8 | 3,17,314 9 8 | 40,062 8 7 | 66,000 5 4 | 67,748 4 3 |
| 7,00,000 0 0 | ...... | ...... | ...... | 2,58,767 11 2 | ...... | 2,58,767 11 2 |
| 250 0 0 | 8 0 10 | ...... | ...... | 99 8 7 | ...... | 99 8 7 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 7,00,250 0 0 | 8 0 10 | ...... | ...... | 2,58,867 3 9 | ...... | 2,58,867 3 9 |
| 100 0 0 | 40 7 3 | ...... | ...... | 48 15 6 | ...... | 48 15 6 |
| ...... | ...... | 77 8 0 | 63 0 0 | ...... | 63 0 0 | ...... |
| 100 0 0 | 40 7 3 | 77 8 0 | 63 0 0 | 48 15 6 | 63 0 0 | 48 15 6 |
| 6,000 0 0 | 1,007 1 0 | ...... | ...... | 2,163 1 3 | ...... | 1,663 1 3 |
| 5,000 0 0 | ...... | 3,251 7 2 | ...... | 1,273 12 10 | 726 3 2 | ...... |
| 20,000 0 0 | 749 0 3 | ...... | ...... | 1,480 11 6 | ...... | 1,480 11 6 |
| 35,000 0 0 | ...... | 551 12 1 | ...... | 8,489 8 4 | ...... | 8,489 8 4 |
| 30,000 0 0 | 432 8 0 | ...... | ...... | 3,880 0 0 | ...... | 3,880 0 0 |
| 96,000 0 0 | 2,188 9 3 | 3,803 3 3 | ...... | 17,287 1 11 | 726 3 2 | 10,513 5 1 |
| 40,000 0 0 | 24,007 5 5 | ...... | 6,825 11 5 | ...... | 1,825 11 5 | ...... |
| 1,500 0 0 | ...... | 409 8 5 | ...... | 954 1 1 | ...... | 954 1 1 |
| 1,000 0 0 | ...... | 1,490 3 0 | ...... | 1,558 11 0 | ...... | 558 11 0 |
| 6,000 0 0 | 1,659 4 0 | ...... | 915 0 0 | ...... | ...... | 2,085 0 0 |
| 300 0 0 | 297 14 6 | ...... | 320 11 6 | ...... | 20 11 6 | ...... |
| 8,800 0 0 | 1,957 2 6 | 1,899 11 5 | 1,235 11 6 | 2,512 12 1 | 20 11 6 | 3,597 12 1 |
| 48,800 0 0 | 25,964 7 11 | 1,899 11 5 | 8,061 6 11 | 2,512 12 1 | 1,846 6 11 | 3,597 12 1 |
| 2,12,07,400 0 0 | 39,03,448 1 1 | 12,06,044 7 5 | 9,84,093 9 11 | 13,21,896 6 0 | 5,23,282 3 5 | 11,85,384 15 6 |

# Appendix

## I N

STATEMENT showing the Net Receipts during the Financial year 1922-23 from all sources as

| Actuals for 1921-22. | PARTICULARS. | Details of Actuals. | Actuals for 1922-23. | Budget Estimate for 1922-23. |
|---|---|---|---|---|
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,78,47,893 10 3 | Brought over Rs. ... | ...... | 2,05,45,297 3 11 | 2,08,83,100 0 0 |
| | **VII.—Street cleansing and conservancy including Road Watering.** | | | |
| | A.—Miscellaneous— | | | |
| 1,774 8 11 | (1) Contribution from Munl. Servants towards Pension, etc., Fund ... | 1,981 0 2 | | 3,000 0 0 |
| 17,315 0 0 | (2) Sale of Rights ... ... | 27,364 2 9 | | 17,000 0 0 |
| 27,048 8 8 | (3) Miscellaneous Receipts ... ... | 21,890 14 5 | | 20,000 0 0 |
| 12,491 4 0 | (4) Miscellaneous Fees ... ... ... | 10,503 4 0 | | 11,000 0 0 |
| 32,651 0 0 | (5) Rent of Buildings and Lands ... | 34,221 2 6 | | 30,000 0 0 |
| 91,280 5 7 | | | 95,960 7 10 | 81,000 0 0 |
| | **VIII.—Roads and Overbridges.** | | | |
| | A.—Wheel Tax and Government contribution in lieu of Tolls— | | | |
| 4,06,014 1 2 | (1) Private conveyances ... ... | 5,68,460 9 10 | | 5,25,000 0 0 |
| 3,54,653 5 4 | (2) Public conveyances... ... ... | 6,21,929 8 0 | | 5,00,000 0 0 |
| 25,000 0 0 | (3) Contribution from Govt. in lieu of Tolls ... ... ... ... ... | 25,000 0 0 | | 25,000 0 0 |
| 7,85,667 6 6 | | | 12,15,390 1 10 | 10,50,000 0 0 |
| | B.—Ground Rent— | | | |
| 92,471 6 3 | (1) From Tramway Co.... ... ... | 62,271 0 10 | | 61,000 0 0 |
| 84,422 7 11 | (2) „ Telephone Co. ... ... | 50,596 14 5 | | 38,000 0 0 |
| 7,225 2 9 | (3) „ Private Parties ... ... | 7,266 11 5 | | 4,000 0 0 |
| 1,84,119 0 11 | | | 1,20,134 10 8 | 1,03,000 0 0 |
| | C.—Miscellaneous— | | | |
| 1,481 11 9 | (1) Contribution from Munl. Servants towards Pension, etc., Fund ... | 1,589 2 9 | | 2,900 0 0 |
| 34,235 7 10 | (2) Miscellaneous receipts ... ... | 1,18,446 11 2 | | 30,000 0 0 |
| 1,22,837 14 8 | (3) Miscellaneous fees ... ... | 1,04,055 9 5 | | 1,00,000 0 0 |
| | (4) Street Improvement receipts— | | | |
| 46,358 14 4 | (a) Sale of set-forward land ... | 33,826 15 5 | | 45,000 0 0 |
| 10,525 8 6 | (b) Sale of Materials ... ... | 4,965 8 5 | | 20,000 0 0 |
| 12,888 12 0 | (c) Recoveries for permission to build within the regular line of streets ... ... ... | 7,470 2 5 | | 10,000 0 0 |
| 76,778 0 0 | (5) Rent of Buildings and Lands ... | 34,314 3 6 | | 20,000 0 0 |
| 3,05,106 5 1 | | | 3,04,668 5 1 | 2,27,900 0 0 |
| 286 11 2 | D.—Interest realised on donations... ... | ...... | 754 5 0 | 2,500 0 0 |
| ...... | E.— Do. do. on the Improvements of private Street Fund. | ...... | 214 1 3 | ...... |
| 12,75,179 7 8 | Total, VIII—Roads and Overbridges .. | | 16,41,161 7 10 | 13,83,400 0 0 |
| | **IX.—Public Lighting.** | | | |
| | A.—Miscellaneous— | | | |
| 22 8 0 | (1) Contribution from Munl. Servants towards Pension, etc., Fund ... | 12 8 0 | | ...... |
| 144 3 0 | (2) Miscellaneous receipts ... ... | 153 11 2 | | ...... |
| 156 11 0 | | | 166 3 2 | ...... |
| 1,92,14,510 2 6 | Carried forward Rs. ... | ...... | 2,22,82,585 6 9 | 2,23,47,500 0 0 |

**No. 1**—*continued.*

## COME.

contrasted with the Actuals for 1921-22, the Original Budget Estimate and the Revised Estimate.

| Revised Estimate for 1922-23. | Compared with the Actuals for 1921-22. | | Compared with the Original Estimate. | | Compared with the Revised Estimate. | |
|---|---|---|---|---|---|---|
| | Increase. | Decrease. | More. | Less. | More. | Less. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 2,12,07,400 0 0 | 39,03,448 1 1 | 12,06,044 7 5 | 9,84,093 9 11 | 13,21,896 6 0 | 5,23,282 3 5 | 11,85,384 15 6 |
| 3,000 0 0 | 206 7 3 | ...... | ...... | 1,018 15 10 | ...... | 1,018 15 10 |
| 20,000 0 0 | 10,049 2 9 | ...... | 10,364 2 9 | ...... | 7,364 2 9 | ...... |
| 17,000 0 0 | ...... | 5,157 10 3 | 1,890 14 5 | ...... | 4,890 14 5 | ...... |
| 10,000 0 0 | ...... | 1,988 0 0 | ...... | 496 12 0 | 503 4 0 | ...... |
| 31,000 0 0 | 1,570 2 6 | ...... | 4,221 2 6 | ...... | 3,221 2 6 | ...... |
| 81,000 0 0 | 11,825 12 6 | 7,145 10 3 | 16,476 3 8 | 1,515 11 10 | 15,979 7 8 | 1,018 15 10 |
| 5,85,600 0 0 | 1,62,446 8 8 | ...... | 43,460 9 10 | ...... | ...... | 17,139 6 2 |
| 5,00,400 0 0 | 2,67,276 2 8 | ...... | 1,21,929 8 0 | ...... | 1,21,529 8 0 | ...... |
| 25,000 0 0 | ...... | ... | ...... | ...... | ...... | ...... |
| 11,11,000 0 0 | 4,29,722 11 4 | ...... | 1,65,390 1 10 | ...... | 1,21,529 8 0 | 17,139 6 2 |
| 62,000 0 0 | ...... | 30,200 5 5 | 1,271 0 10 | ...... | 271 0 10 | ...... |
| 38,000 0 0 | ...... | 33,825 9 6 | 12,596 14 5 | ...... | 12,596 14 5 | ...... |
| 7,000 0 0 | 41 8 8 | ...... | 3,266 11 5 | ...... | 266 11 5 | ...... |
| 1,07,000 0 0 | 41 8 8 | 64,025 14 11 | 17,134 10 8 | ...... | 13,134 10 8 | ...... |
| 1,000 0 0 | 107 7 0 | ...... | ... | 1,310 13 3 | 589 2 9 | ...... |
| 45,000 0 0 | 84,211 3 4 | ... | 88,446 11 2 | ...... | 73,446 11 2 | ...... |
| 1,00,000 0 0 | ...... | 18,782 5 3 | 4,055 9 5 | ...... | 4,055 9 5 | ...... |
| 50,000 0 0 | ...... | 12,531 14 11 | ...... | 11,173 0 7 | ...... | 16,173 0 7 |
| 1,900 0 0 | ...... | 5,560 0 1 | ...... | 15,034 7 7 | 3,065 8 5 | ...... |
| 10,000 0 0 | ...... | 5,418 9 7 | ...... | 2,529 13 7 | ...... | 2,529 13 7 |
| 20,000 0 0 | ...... | 42,463 12 6 | 14,314 3 6 | ...... | 14,314 3 6 | ...... |
| 2,27,900 0 0 | 84,318 10 4 | 84,756 10 4 | 1,06,816 8 1 | 30,048 3 0 | 95,471 3 3 | 18,702 14 2 |
| 2,500 0 0 | 467 9 10 | ...... | ...... | 1,745 11 0 | ...... | 1,745 11 0 |
| ...... | 214 1 3 | ...... | 214 1 3 | ...... | 214 1 3 | ...... |
| 14,48,400 0 0 | 5,14,764 9 5 | 1,48,782 9 3 | 2,89,555 5 10 | 31,793 14 0 | 2,30,349 7 2 | 37,587 15 4 |
| 25 0 0 | ...... | ...... | 12 8 0 | ...... | ...... | 12 8 0 |
| 75 0 0 | 9 8 2 | ...... | 153 11 2 | ...... | 78 11 2 | ...... |
| 100 0 0 | 9 8 2 | ...... | 166 3 2 | ...... | 78 11 2 | 12 8 0 |
| 3,27,36,900 0 0 | 44,30,047 15 2 | 13,61,972 10 11 | 12,90,291 6 7 | 13,55,205 15 10 | 7,69,689 13 5 | 12,24,004 6 8 |

# Appendix

## I N

STATEMEMT showing the Net Receipts during the Financial year 1922-23 from all sources as

| Actuals for 1921-22. | PARTICULARS. | Details of Actuals. | Actuals for 1922-23. | Budget Estimate for 1922-23. |
|---|---|---|---|---|
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs a. p. |
| 1,92,14,510 2 6 | Brought over Rs. ... | ...... | 2,22,82,585 6 9 | 2,23,47,500 0 0 |
| | **X.—Drainage and Sewerage including the Halalkhore Branch.** | | | |
| | A.—Halalkhore Tax— | | | |
| 22,38,790 10 6 | (1) On Ratable Value ... ... ... | 24,82,356 9 4 | | 24,50,000 0 0 |
| 1,36,076 3 3 | (2) For Special Service... ... . | 1,64,887 15 9 | | 1,70,000 0 0 |
| 23,74,866 13 9 | | | 26,47,344 9 1 | 26,20,000 0 0 |
| | B.—Miscellaneous— | | | |
| 1,636 0 2 | (1) Contribution from Munl. Servants towards Pension, etc., Fund ... | 1,255 11 6 | | 45,000 0 0 |
| 24,665 0 6 | (2) Miscellaneous receipts ... ... | 28,351 8 10 | | 25,000 0 0 |
| 889 4 0 | (3) Miscellaneous fees ... ... ... | 325 8 0 | | 1,000 0 0 |
| 18,205 1 4 | (4) Rent of Buildings and Lands ... | 19,197 8 2 | | 20,000 0 0 |
| 45,395 6 0 | | | 49,130 4 6 | 91,000 0 0 |
| 24,20,262 3 9 | | | 26,96,374 13 7 | 27,11,000 0 0 |
| | **XI.—Fire Brigade.** | | | |
| | A.—Fire Tax, at 3 per cent.— | | | |
| 2,58,832 11 5 | (1) From the Public ... ... ... | 3,73,259 7 0 | | 3,73,000 0 0 |
| 13,629 8 0 | (2) „ Government ... ... ... | 14,582 12 2 | | 14,500 0 0 |
| 31,910 2 8 | (3) „ Port Trust ... . ... | 41,368 2 0 | | 40,000 0 0 |
| 8,307 15 2 | (4) „ City Improvement Trust ... | 15,573 2 8 | | 11,000 0 0 |
| 21,691 3 10 | (5) Mills ... ... .. ... ... | 30,820 1 11 | | 31,500 0 0 |
| 3,34,371 9 1 | | | 4,75,603 9 9 | 4,70,000 0 0 |
| | B.—Miscellaneous— | | | |
| 3,478 6 0 | (1) Contribution from Munl. Servants towards Pensions, etc., Fund ... | 4,444 4 1 | | 4,000 0 0 |
| 3,499 8 0 | (2) Miscellaneous receipts ... ... | 6,001 1 0 | | 1,000 0 0 |
| 6,977 14 0 | | | 10,445 5 1 | 5,000 0 0 |
| 3,41,349 7 1 | | | 4,86,048 11 10 | 4,75,000 0 0 |
| | **XII.—Building Regulations and other measures for Securing the Public safety.** | | | |
| 1,30,792 8 0 | A.—Licenses Dangerous and Offensive Trades ... ... ... ... ... | ...... | 1,34,601 8 0 | 1,60,008 0 0 |
| | B.—Miscellaneous— | | | |
| 1,340 15 6 | (1) Contribution from Munl. Servants towards Pensions, etc., Fund .. | 2,222 3 1 | | 5,000 0 0 |
| 1,830 15 8 | (2) Miscellaneous Receipts ... ... | 621 5 2 | | 2,000 0 0 |
| 1,35,086 5 1 | (3) Miscellaneous fees ... ... . | 1,13,793 14 10 | | 78,000 0 0 |
| 1,38,258 4 3 | | | 1,16,637 7 1 | 85,000 0 0 |
| 2,69,050 12 3 | | | 2,51,238 15 1 | 2,45,009 0 0 |
| | **XIII.—Gardens and open spaces.** | | | |
| | A.—Miscellaneous— | | | |
| 14 3 6 | (1) Contribution from Munl. Servants towards Pensions, etc., Fund ... | 122 1 0 | | 200 0 0 |
| 5,242 2 0 | (2) Sale proceeds of plants, flowers, etc. | 4,726 2 0 | | 6,000 0 0 |
| ...... | (3) Donations, Gifts, etc. ... ... | ...... | | ...... |
| 4,119 5 5 | (4) Miscellaneous Receipts ... ... | 5,899 3 4 | | 4,600 0 0 |
| 432 0 0 | (5) Rent of Buildings and Lands ... | 1,719 11 9 | | 400 0 0 |
| 9,807 10 11 | | | 12,467 2 1 | 11,200 0 0 |
| | **XIV.—Markets and Slaughter Houses.** | | | |
| | A.—Miscellaneous— | | | |
| 758 11 2 | (1) Contribution from Munl. Servants towards Pension, etc., Fund ... | *Dr.* 152 12 2 | | 1,500 0 0 |
| 2,72,929 6 11 | (2) Stall Rents ... ... ... ... | 2,97,000 14 3 | | 3,00,000 0 0 |
| 58,646 10 0 | (3) Squatters' fees ... ... ... | 76,739 1 4 | | 60,000 0 0 |
| 2,00,000 0 0 | (4) Fair ground and feeding fees ... | 1,90,000 0 0 | | 1,75,000 0 0 |
| 2,96,112 6 0 | (5) Slaughter fees ... ... ... | 3,55,219 12 0 | | 3,10,000 0 0 |
| 59,771 2 4 | (6) Miscellaneous Receipt ... ... | 90,825 1 9 | | 40,000 0 0 |
| 3,810 3 4 | (7) Rent of Buildings and Lands ... | 4 856 9 0 | | ...... |
| ...... | B.—Cold storage rent ... ... ... | 9,633 3 0 | | ..... |
| 8,92,028 7 9 | | | 10,24,747 13 2 | 8,86,500 0 0 |
| 2,31,47,008 12 3 | Total Income Rs. ... | | 2,67,53,463 1 6 | 2,66,76,200 0 0 |

M. R. TAMBE,
Ag. Chief Accountant.

## No. 1—*concluded.*

## COME.

contrasted with the Actuals for 1921-22, the Original Budget Estimate and the Revised Estimate.

| Revised Estimate for 1922-23. | Compared with the Actuals for 1921-22. | | Compared with the Original Estimates. | | Compared with the Revised Estimates. | |
|---|---|---|---|---|---|---|
| | Increase. | Decrease. | More. | Less. | More. | Less. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 2,27,36,900 0 0 | 44,80,047 15 2 | 13,61,972 10 11 | 12,90,291 6 7 | 13,55,205 15 10 | 7,69,689 13 6 | 12,24,004 6 8 |
| 25,50,000 0 0 | 2,43,565 14 10 | ...... | 32,356 9 4 | ...... | ...... | 67,643 6 8 |
| 1,70,000 0 0 | 28,811 12 6 | ...... | ...... | 5,112 0 3 | ...... | 5,112 0 3 |
| 27,20,000 0 0 | 2,72,377 11 4 | ...... | 32,356 9 4 | 5,112 0 3 | ...... | 72,755 6 11 |
| 1,000 0 0 | ...... | 380 4 8 | ...... | 43,744 4 6 | 255 11 6 | ...... |
| 15,000 0 0 | 3,686 8 4 | ...... | 3,351 8 10 | ...... | 13,351 8 10 | ...... |
| 1,000 0 0 | ...... | 563 12 0 | ...... | 674 8 0 | ...... | 674 8 0 |
| 20,000 0 0 | 992 6 10 | ...... | ...... | 802 7 10 | ...... | 802 7 10 |
| 37,000 0 0 | 4,678 15 2 | 944 0 8 | 3,351 8 10 | 45,221 4 4 | 13,607 4 4 | 1,476 15 10 |
| 27,57,000 0 0 | 2,77,056 10 6 | 944 0 8 | 35,708 2 2 | 50,333 4 7 | 13,607 4 4 | 74,232 6 9 |
| 3,91,406 0 0 | 1,14,426 11 7 | ...... | 259 7 0 | ...... | ...... | 18,146 9 0 |
| 14,583 0 0 | 953 4 2 | ...... | 82 12 2 | ...... | ...... | 0 3 10 |
| 41,368 0 0 | 9,457 15 4 | ...... | 1,368 2 0 | ...... | 0 2 0 | ...... |
| 13,743 0 0 | 7,265 3 6 | ...... | 4,573 2 8 | ...... | 2,830 2 8 | ...... |
| 30,900 0 0 | 9,128 14 1 | ...... | ...... | 679 14 1 | ...... | 79 11 1 |
| 4,91,000 0 0 | 1,41,232 0 8 | ...... | 6,283 7 10 | 679 14 1 | 2,830 4 8 | 18.226 10 11 |
| 4,000 0 0 | 965 14 1 | ...... | 444 4 1 | ...... | 444 4 1 | ...... |
| 5,000 0 0 | 2,501 9 0 | ...... | 5,001 1 0 | ...... | 1,001 1 0 | ...... |
| 9,000 0 0 | 3,467 7 1 | ...... | 5,445 5 1 | ...... | 1,445 5 1 | ...... |
| 5,00,000 0 0 | 1,44,699 7 9 | ...... | 11,728 12 11 | 679 14 1 | 4,275 9 9 | 18,226 10 11 |
| 1,33,000 0 0 | 3,809 0 0 | ...... | ...... | 25,398 8 0 | 1,601 8 0 | ...... |
| 2,000 0 0 | 881 3 7 | ...... | ... | 2,777 12 11 | 222 3 1 | ...... |
| 2,000 0 0 | ...... | 1,259 10 6 | ...... | 1,378 10 10 | ...... | 1,378 10 10 |
| 78,000 0 0 | ...... | 21,242 6 3 | 35,793 14 10 | ...... | 35,793 14 10 | ...... |
| 82,000 0 0 | 881 3 7 | 22,502 0 9 | 35,793 14 10 | 4,156 7 9 | 36,016 1 11 | ...... |
| 2,15,000 0 0 | 4,690 8 7 | 22,502 0 9 | 35,793 14 10 | 29,554 15 9 | 37,617 9 11 | 1,378 10 10 |
| 200 0 0 | 107 13 6 | ...... | ...... | 77 15 0 | ...... | 77 15 0 |
| 5,000 0 0 | ...... | 516 0 0 | ...... | 1,273 14 0 | ...... | 278 14 0 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 2,600 0 0 | 1,779 13 11 | ...... | 1,299 3 4 | ...... | 3,299 3 4 | ...... |
| 2,200 0 0 | 1,287 11 9 | ...... | 1,319 11 9 | ...... | ...... | 480 4 3 |
| 10,000 0 0 | 3,175 7 2 | 516 0 0 | 2,618 15 1 | 1,351 13 0 | 3,299 3 4 | 832 1 3 |
| 1,000 0 0 | ...... | 891 7 4 | ...... | 1,632 12 2 | ...... | 1,132 12 2 |
| 3,00,000 0 0 | 24,677 7 4 | ...... | ...... | 2,393 1 9 | ...... | 2,393 1 9 |
| 78,600 0 0 | 18,092 7 4 | ...... | 16,739 1 4 | ...... | ...... | 1,860 14 8 |
| 1,90,000 0 0 | ...... | 10,000 0 0 | 15,000 0 0 | ...... | ...... | ...... |
| 3,63,600 0 0 | 59,107 6 0 | ...... | 45,219 12 0 | ...... | ...... | 8,380 4 0 |
| 86,500 0 0 | 31,053 15 5 | ...... | 50,825 1 9 | ...... | 4,325 1 9 | ...... |
| 5,300 0 0 | 1,046 5 8 | ...... | 4,856 9 0 | ...... | ...... | 443 7 0 |
| ...... | 9,633 3 0 | ...... | 9,633 3 0 | ...... | 9,633 3 0 | ...... |
| 10,25,000 0 0 | 1,43,610 12 9 | 10,891 7 4 | 1,42,273 11 1 | 4,025 13 11 | 13,958 4 9 | 14,210 7 7 |
| 2,72,43,900 0 0 | 5,03,280 8 11 | 13,96,826 3 8 | 15,18,414 14 8 | 14,41,151 13 2 | 8,42,447 13 6 | 13,32,884 12 0 |

H. B. CLAYTON,
Municipal Commissioner.

# Appendix

## EXPEN

STATEMENT showing the Actuals as compared with the Final Sanctioned Grants for

| Actuals for 1921-22. | PARTICULARS. | Details of Actuals for 1922-23. | Actuals for 1922-23. | Final Grants sanctioned for Expenditure during 1922-23. |
|---|---|---|---|---|
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | **I.—General Supervision, Collection of Revenue, etc.** | | | |
| | A.—General Superintendence— | | | |
| 1,13,825 6 8 | (a) Corporation and Standing Committee ... | 1,21,735 14 6 | | 1,33,902 0 0 |
| 1,49,209 2 8 | (b) Municipal Commissioner's Personal and General Office ... ... | 1,70,620 6 0 | | 2,26,022 3 9 |
| 1,73,407 11 1 | (c) Audit and Accounts ... | 1,88,674 15 2 | | 1,99,026 0 0 |
| 4,36,442 4 5 | | 4,81,031 3 8 | | 5,58,950 3 9 |
| | B.—Collection of Revenue— | | | |
| 3,63,542 9 5 | (a) Property and Wheel Tax Establishment ... | 4,21,155 9 6 | | 4,42,259 4 3 |
| 1,40,286 11 6 | (b) Town Duty Collections. | 1,23,866 11 4 | | 1,26,826 4 5 |
| 1,09 745 4 1 | (c) Town Duty Refund Branch ... ... ... | 1,21,909 9 3 | | 1,23,710 4 11 |
| 6,18,574 9 0 | | 6,66,431 14 1 | | 6,92,786 13 7 |
| | C.—Upkeep of Municipal Buildings— | | | |
| 52,983 0 11 | (a) Upkeep and guarding of Municipal Head Office ... ... ... | 35,891 4 6 | | 66,710 0 0 |
| ... | (b) Establishment for the upkeep of various Municipal Buildings ... | 35,119 10 1 | | ...... |
| 52,983 0 11 | | 71,010 14 7 | | 66,710 0 0 |
| 76,404 0 1 | D.—General Stores ... ... | 80,078 12 5 | | 96,403 4 8 |
| 39,190 0 10 | E.—Workshops Debt Charges ... | 38,841 9 10 | | 39,559 0 0 |
| 1,73,988 2 4 | F.—Miscellaneous Charges ... | 2,74,898 12 1 | | 3,06,888 13 11 |
| ...... | G.—Election Expenses ... ... | 54,349 2 4 | | 66,268 0 0 |
| 65,607 6 7 | Debt Charges ... ... ... | 71,040 7 9 | | 73,064 0 0 |
| 6,043 12 2 | New Works ... ... ... | ...... | | 11,655 0 0 |
| 14,69,233 4 4 | | | 17,37,682 12 9 | 19,12,285 3 11 |
| | **II.—Water Works.** | | | |
| 28,256 7 7 | A.—General Charges ... ... | 23,853 11 7 | | 28,112 4 0 |
| 3,61,731 8 7 | B.—Establishment and Labour. | 3,65,297 5 4 | | 3,85,548 0 0 |
| 1,72,132 0 1 | C.—Repairs and Maintenance... | 1,52,767 11 9 | | 2,26,732 4 0 |
| 1,82,470 4 11 | D.—Meters ... ... ... | 82,778 5 10 | | 1,03,207 0 0 |
| 67,318 10 0 | E.—Miscellaneous ... ... | 61,584 7 3 | | 85,550 0 0 |
| 19,25,912 6 10 | Debt Charges ... ... | 31,58,181 4 8 | | 33,46,004 2 4 |
| 13,906 0 7 | New Works ... ... ... | 2,610 1 8 | | 24,085 0 0 |
| 27,51,727 6 7 | | | 38,47,073 0 1 | 41,99,238 10 4 |
| | **III.—Education, Primary.** | | | |
| ...... | A.—General Charges ... ... | ...... | | 50 0 0 |
| 19,13,427 7 9 | B.—Municipal Institutions ... | 21,48,480 7 9 | | 21,51,303 7 3 |
| 9,200 0 0 | C.—Aided Institutions ... ... | 10,400 0 0 | | 10,400 0 0 |
| 43,969 6 0 | Debt Charges ... ... | 42,951 6 0 | | 62,652 0 0 |
| ...... | New Works ... ... ... | ...... | | ...... |
| 19,66,596 13 9 | | | 22,01,831 13 9 | 22,24,405 7 8 |
| | **IV.—Education, Secondary.** | | | |
| 167 0 1 | A.—General Charges ... ... | ...... | | ...... |
| 24,283 10 0 | B.—Municipal Institutions ... | 22,929 15 6 | | 33,108 8 10 |
| 48,000 0 0 | C.—Aided Institutions ... ... | 48,000 0 0 | | 48,000 0 0 |
| 72,450 10 1 | | | 70,929 15 6 | 81,108 8 10 |
| 62,60,008 2 9 | Carried over ... | | 78,57,517 10 1 | 84,17,037 14 4 |

## No. 2.

## DITURE.

1922-23 and the Actuals for the preceding year.

| Final Grants compared with the Actuals. | | | Compared with the Actuals for 1921-22. | |
|---|---|---|---|---|
| Balances unexpended. | Required to be renewed in 1923-24. | Net savings. | Increase. | Decrease. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 12,166 1 6 | 5,824 0 0 | 6,342 1 6 | 7,910 7 10 | ...... |
| 55,401 13 9 | 42,419 0 0 | 12,982 13 9 | 21,411 3 4 | ...... |
| 10,351 0 10 | 1,571 0 0 | 8,780 0 10 | 15,267 4 1 | ...... |
| 77,919 0 1 | 49,814 0 0 | 28,185 0 1 | 44,588 15 3 | ...... |
| 21,094 10 9 | 7,277 0 0 | 13,817 10 9 | 52,613 0 1 | ...... |
| 3,459 9 1 | 3,103 0 0 | 356 9 1 | ...... | 16,920 0 2 |
| 1,800 11 8 | 781 0 0 | 1,019 11 8 | 12,164 5 2 | ...... |
| 26,354 15 6 | 11,161 0 0 | 15,193 15 6 | 64,777 5 3 | 16,920 0 2 |
| 30,818 11 6 | 14,511 0 0 | 16,307 11 6 | ...... | 17,091 12 5 |
| —35,119 10 1 | ...... | —35,119 10 1 | 35,119 10 1 | ...... |
| 30,818 11 6<br>—35,119 10 1 | 14,511 0 0 | 16,307 11 6<br>—35,119 10 1 | 35,119 10 1 | 17,091 12 5 |
| 16,324 8 3 | 11,453 0 0 | 4,871 8 3 | 3,674 12 4 | ...... |
| 717 6 2 | 279 0 0 | 438 6 2 | ...... | 348 7 0 |
| 31,990 1 10 | 10,141 0 0 | 21,849 1 10 | 1,00,910 9 9 | ...... |
| 11,918 13 8 | ...... | 11,918 13 8 | 54,349 2 4 | ...... |
| 2,023 8 3 | 1,410 0 0 | 613 8 3 | 5,433 1 2 | 6,043 12 2 |
| 11,655 0 0 | 11,655 0 0 | ...... | ...... | ...... |
| 2,09,722 1 3<br>—35,119 10 1 | 1,10,424 0 0<br>1,16,767 0 0 | 99,298 1 3<br>—35,119 10 1 | 3,08,853 8 2 | 40,403 15 9 |
| 4,258 8 5 | 1,200 0 0 | 3,058 8 5 | ...... | 4,402 12 0 |
| 20,250 10 8 | 14,600 0 0 | 5,650 10 8 | 3,565 12 9 | ...... |
| 73,964 8 3 | 35,272 0 0 | 38,692 8 3 | ...... | 19,364 4 4 |
| 20,428 10 2 | 8,500 0 0 | 11,928 10 2 | ...... | 99,691 15 1 |
| 23,965 8 9 | 7,994 0 0 | 15,971 8 9 | ...... | 5,734 2 9 |
| 1,87,822 13 8 | 1,39,799 0 0 | 48,023 13 8 | 12,32,268 13 10 | ...... |
| 21,474 14 4 | 21,335 0 0 | 139 14 4 | ...... | 11,295 14 11 |
| 3,52,165 10 3 | 2,28,700 0 0 | 1,23,465 10 3 | 12,35,834 10 7 | 1,40,489 1 1 |
| 50 0 0 | ...... | 50 0 0 | ...... | ...... |
| 2,822 15 6 | 148 0 0 | 2,674 15 6 | 2,35,053 0 0 | ...... |
| ...... | ...... | ...... | 1,200 0 0 | ...... |
| 19,700 10 0 | 1,216 0 0 | 18,484 10 0 | ...... | ...... |
| ...... | ...... | ...... | ...... | 1,018 0 0 |
| 22,573 9 6 | 1,364 0 0 | 21,209 9 6 | 2,36,253 0 0 | 1,018 0 0 |
| ...... | ...... | ...... | ...... | ...... |
| 10,178 9 4 | 8,685 0 0 | 1,493 9 4 | ...... | 167 0 1 |
| ...... | ...... | ...... | ...... | 1,353 10 6 |
| 10,178 9 4 | 8,685 0 0 | 1,493 9 4 | ...... | 1,520 10 7 |
| 5,94,639 14 4<br>—35,119 10 1 | 3,49,173 0 0 | 2,45,466 14 4<br>—35,119 10 1 | 17,80,941 2 9 | 1,83,431 11 5 |

## Appendix

| Actuals for 1921-22. | PARTICULARS. | Details of Actuals for 1922-23. | Actuals for 1922-23. | Final Grants sanctioned for Expenditure during 1922-23. |
|---|---|---|---|---|
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 62,60,008 2 9 | Brought forward ... | ...... | 78,57,517 10 1 | 84,17,037 14 4 |
| | **V.—Public Health Department.** | | | |
| 26,897 2 8 | A.—General Charges ... ... | 28,365 5 10 | | 32,373 6 0 |
| 4,51,917 6 7 | B.—General Supervision ... | 4,68,054 13 7 | | 4,82,650 11 8 |
| ...... | C.—Registration of Births and Deaths. (included under B—General Supervision.) | ...... | | ...... |
| | D.—Plague— | | | |
| 9,751 1 11 | (a) General Supervision ... | 11,011 2 0 | | 13,490 8 6 |
| 10,637 13 8 | (b) Removal of Plague patients to Hospital ... | 11,040 0 4 | | 12,325 0 0 |
| 6,025 12 0 | (c) Camps ... ... ... | 6,130 3 2 | | 9,328 1 7 |
| 37,680 10 2 | (d) Disinfection ... ... | 27,814 13 3 | | 36,756 4 5 |
| 18,050 9 8 | (e) Registration ... ... | 17,982 13 7 | | 19,478 1 8 |
| 44,192 11 4 | (f) Rat Destruction ... | 46,533 7 11 | | 57,351 3 11 |
| 548 14 8 | (g) Miscellaneous ... ... | 356 8 7 | | 1,250 12 0 |
| 1,16,887 12 5 | | 1,20,869 0 10 | | 1,49,980 0 1 |
| 6,733 5 2 | E.—Supervision of City Milk Supply ... ... ... | 17,992 13 1 | | 20,068 4 4 |
| 51,271 4 11 | F.—Epidemics ... ... ... | 21,271 12 9 | | 24,265 7 10 |
| 55,737 3 10 | G.—Vaccination ... ... ... | 54,560 2 10 | | 63,475 14 4 |
| 37,796 3 6 | H.—Malaria ... ... ... | 46,701 7 2 | | 56,368 12 10 |
| | I.—Miscellaneous— | | | |
| 22,777 4 3 | (a) Cemeteries ... ... | 19,104 5 11 | | 28,311 15 0 |
| 22,515 8 9 | (b) Laboratory ... ... | 18,100 0 4 | | 24,983 2 9 |
| 18,089 1 8 | (c) Mahaluxmi Dhobiwada. | 19,963 11 3 | | 24,506 0 0 |
| 1,161 12 9 | (d) Dharmashalas ... ... | 1,153 10 11 | | 3,515 6 10 |
| 2,740 2 10 | (e) Destruction of dogs ... | 4,059 13 3 | | 5,669 8 10 |
| 67,283 14 3 | | 62,381 9 8 | | 86,986 1 5 |
| *Cr*, 2,936 0 4 | J.—Census... ... ... ... | 18,405 15 5 | | 18,483 14 2 |
| 54,864 8 2 | Debt Charges ... ... | 61,746 13 2 | | 88,182 15 7 |
| 2,396 2 9 | New Works ... ... ... | -18,619 6 10 | | 61,071 13 3 |
| 8,68,848 15 11 | | | 9,18,969 5 2 | 10,83,907 5 6 |
| | **VI.—Hospitals and Medical Relief.** | | | |
| 1,749 8 0 | A.—General Charges ... ... | 5,666 13 8 | | 6,950 0 0 |
| | B.—Hospitals and Dispensaries— | | | |
| | (a) Infectious Diseases Hospitals— | | | |
| 11,421 0 0 | I.—Establishment ... | 11,999 4 3 | | 12,000 0 0 |
| 95,542 6 8 | II.—Arthur Road Hospital for Infectious Diseases ... ... | 1,06,236 5 10 | | 1,54,495 8 1 |
| 44,359 2 1 | III.—Maratha Hospital for Plague and other Diseases ... ... | 48,233 13 8 | | 68,480 13 2 |
| 1,51,321 8 1 | | 1,66,469 7 9 | | 2,34,976 5 3 |
| 60,442 0 4 | (b) Maternity Homes ... | 67,923 6 10 | | 75,426 3 4 |
| 54,599 12 7 | (c) Dispensaries for out-patients ... ... ... | 52,584 0 5 | | 64,838 12 5 |
| 2,66,363 5 3 | | 2,86,976 15 0 | | 3,75,241 5 0 |
| 2,68,112 13 3 | VI.—Hospitals and Dispensaries Carried over ... ... | 2,92,643 9 8 | | 3,82,191 5 0 |
| 71,28,857 2 8 | Carried over ... | ...... | 87,76,486 15 3 | 95,00,945 3 10 |

## No. 2—*continued.*

| Final Grants compared with the Actuals. | | | Compared with the Actuals for 1921-22. | |
|---|---|---|---|---|
| Balances unexpended. | Required to be renewed in 1923-24. | Net savings. | Increase. | Decrease. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 5,94,639 14 4<br>—35,119 10 1 | 3,49,173 0 0 | 2,45,466 14 4<br>—35,119 10 1 | 17,80,941 2 9 | 1,83,431 11 5 |
| 4,008 0 2 | 2,400 0 0 | 1,608 0 2 | 1,468 3 2 | ......... |
| 14,595 14 1 | 3,568 0 0 | 11,027 14 1 | 16,137 7 0 | ......... |
| ...... | ...... | ...... | ...... | ......... |
| 2,479 6 6 | 1,074 0 0 | 1,405 6 6 | 1,259 13 1 | ......... |
| 1,284 15 8 | ...... | 1,284 15 8 | 402 2 8 | ......... |
| 3,197 14 5 | 1,645 0 0 | 1,552 14 5 | 104 7 2 | ......... |
| 8,941 7 2 | 3,060 0 0 | 5,881 7 2 | 134 3 1 | ......... |
| 1,495 4 1 | 380 0 0 | 1,115 4 1 | ...... | 67 12 1 |
| 10,817 12 0 | 4,020 0 0 | 6,797 12 0 | 2,340 12 7 | ......... |
| 894 3 5 | 205 0 0 | 689 3 5 | ... | 192 6 1 |
| 29,110 15 3 | 10,384 0 0 | 18,726 15 3 | 4,241 6 7 | 260 2 2 |
| 2,075 7 3 | 250 0 0 | 1,825 7 3 | 11,259 7 11 | ......... |
| 2,993 11 1 | 180 0 0 | 2,813 11 1 | ...... | 29,999 8 2 |
| 8,915 11 6 | 3,348 0 0 | 5,567 11 6 | ...... | 1,177 1 0 |
| 9,667 5 8 | 1,610 0 0 | 8,057 5 8 | 8,905 5 8 | ......... |
| 9,207 9 1 | 6,390 0 0 | 2,817 9 1 | ...... | 3,672 14 4 |
| 6,883 2 5 | ...... | 6,883 2 5 | ...... | 4,415 8 5 |
| 4,542 4 9 | 4,045 0 0 | 497 4 9 | 1,874 9 7 | ......... |
| 2,361 11 11 | 550 0 0 | 1,811 11 11 | ...... | 8 1 10 |
| 1,609 11 7 | 1,600 0 0 | 9 11 7 | 1,919 10 5 | ......... |
| 24,604 7 9 | 12,585 0 0 | 12,019 7 9 | 3,194 4 0 | 8,096 8 7 |
| 77 14 9 | ...... | 77 14 9 | 21,341 15 9 | ......... |
| 26,436 2 5 | 2,838 0 0 | 23,598 2 5 | 6,882 5 0 | ......... |
| 42,452 6 5 | 42,065 0 0 | 387 6 5 | 16,223 4 1 | ......... |
| 1,64,938 0 4 | 79,228 0 0 | 85,710 0 4 | 8,96,58 9 2 | 39,533 3 11 |
| 1,283 5 4 | 200 0 0 | 10,835 4 0 | 3,917 2 8 | ......... |
| 0 11 9 | ...... | 0 11 9 | 579 4 3 | ......... |
| 48,259 2 3 | 29,202 0 0 | 19,057 2 3 | 10,698 15 7 | ......... |
| 20,246 15 6 | 16,175 0 0 | 471 15 6 | 3,874 11 7 | ......... |
| 68,506 13 6 | 45,377 0 0 | 23,129 13 6 | 15,147 15 5 | ......... |
| 7,503 12 6 | 3,545 0 0 | 3,957 12 6 | 7,481 6 6 | ......... |
| 12,254 12 0 | 975 0 0 | 11,279 12 0 | ...... | 2,015 12 2 |
| 8,8264 6 0 | 49,897 0 0 | 38,367 6 0 | 22,629 5 11 | 2,015 12 2 |
| 89,547 11 4 | 50,097 0 0 | 39,450 1 4 | 26,546 8 7 | 2,015 12 2 |
| 7,59,577 14 8<br>—35,119 10 1 | 4,28,401 0 0 | 3,31,176 14 8<br>—35,119 10 1 | 18,70,594 11 11 | 2,22,964 15 4 |

| Actuals for 1921-22. | PARTICULARS. | Details of Actuals for 1922-23. | Actuals for 1922-23. | Final Grants sanctioned for Expenditure during 1922-23. |
|---|---|---|---|---|
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 71,28,857 2 8 | Brought forward ... | ..... | 87,76,486 15 3 | 95,00,945 3 10 |
| 2,68,112 13 8 | VI.—Hospitals and Dispensaries Brought forward ... ... | 2,92,643 9 8 | | 3,82,191 5 0 |
| 29,339 12 3 | C.—Medical and Nursing Assistance to Poor People in their Houses ... ... ... | 26,286 14 0 | | 43,141 15 0 |
| 4,14,500 0 0 | D.—Statutory Contribution to Govt Medical Institutions... | 4,14,500 0 0 | | 4,14 500 0 0 |
| 72,269 11 10 | E.—Grants-in-Aid to Public Medical Institutions, Convalescent Homes, Isolation Asylums, Sanitary Societies, etc. ... ... ... ... | 90.081 13 9 | | 97,223 0 0 |
| 1,13,127 9 10 | Debt Charges ... ... ... | 1,26,586 3 4 | | 1,35,083 0 0 |
| 4,221 9 4 | New Works ... ... ... | 2,939 2 10 | | 18,807 13 0 |
| 9,01,571 8 6 | | | 9,63,037 11 7 | 10,90,947 1 0 |
| | **VII.—Street Cleansing and Conservancy including Road Watering.** | | | |
| 2,121 11 10 | A.—General Charges ... ... | 6,963 6 11 | | 8,325 13 8 |
| | B.—Street cleansing and Conservancy — | | | |
| 2,08,292 1 2 | (*a*) Superintendence and Inspection ... ... | 2,37,142 12 2 | | 2,46,583 15 8 |
| 27,494 10 2 | (*b*) Veterinary ... ... | 32,123 7 10 | | 34,154 4 0 |
| 11,39,299 2 6 | (*c*) Street cleansing and Sanitation ... .. | 12,30,054 5 5 | | 12,62,462 10 11 |
| 1,09,565 2 0 | (*d*) Gully flushing .. ... | 1,23,054 7 8 | | 1,26,822 14 1 |
| | (*e*) Removal of Town Refuse to Tardeo for transport to Deonar.— | | | |
| 3,12,672 1 6 | 1. Motor Traction .. | 2,63,704 3 11 | | 2,76,677 2 0 |
| 8,60,434 14 6 | 2. Bullock Traction. | 8,17,983 5 3 | | 9,63,046 1 3 |
| 1,449 15 9 | 3. Incineration ... | 1,840 14 4 | | 4,345 4 3 |
| 1,29,075 4 6 | 4. Loading Sidings... | 1,11,864 11 3 | | 1,72,427 4 2 |
| ...... | 5. Reclamation ... | ...... | | 4,800 0 0 |
| 13,03,632 4 3 | | 11,95,393 2 9 | | 14,21,295 11 8 |
| 61,171 1 8 | (*f*) Miscellaneous ... ... | 77,470 0 1 | | 1,29,754 12 11 |
| 28,49,454 5 9 | | 28,95,238 3 11 | | 32,21,074 5 3 |
| 1,69,953 15 0 | C.—Transport of refuse, etc., to Deonar ... ... ... | 1,54,671 7 2 | | 2,07,699 4 0 |
| 2,12,737 5 1 | D.—Road watering ... ... | 1,77,426 11 11 | | 2,01,373 0 0 |
| 3,02,692 3 6 | Debt Charges ... ... ... | 3,27,638 6 6 | | 3,63,451 10 8 |
| 9,015 15 5 | New Works ... ... ... | 16,514 6 11 | | 46,461 4 11 |
| 35,45,975 8 7 | | | 35,78,452 11 4 | 40,48,385 6 6 |
| | **VIII.—Roads and Overbridges.** | | | |
| 76,104 14 9 | A.—General Charges ... ... | 89,283 13 6 | | 1,03,226 2 0 |
| 22,39,988 5 0 | B.—Roads, overbridges and footpaths ... ... ... ... | 30,84,813 12 6 | | 36,55,353 3 0 |
| 2,44,185 1 1 | C.—Street Improvements ... | 1,48,028 5 2 | | 1,54,169 0 0 |
| 87,019 0 0 | D.—Cleaning and Repairing Port Trust Wharves and Roads ... ... ... ... | 1,72,819 0 0 | | 1,72,819 0 0 |
| 7,25,305 10 10 | Debt Charges ... ... ... | 9,01,328 8 5 | | 9,51,856 2 3 |
| 2,546 7 11 | New Works ... ... ... | 161 2 6 | | 22,935 0 0 |
| 83,75,149 7 7 | | | 43,96,434 10 1 | 50,60,358 7 3 |
| | **IX.—Public Lighting.** | | | |
| 383 5 4 | A.—General Charges ... ... | 628 9 7 | | 1,395 0 0 |
| 5,70,815 12 1 | B.—Public Lighting ... ... | 7,52,991 4 11 | | 9,87,431 0 0 |
| 5,71,199 1 5 | | | 7,53,619 14 6 | 9,88,826 0 0 |
| 1,55,22,752 12 9 | Carried over ... | ...... | 1,84,68,031 14 9 | 2,06,89,462 2 7 |

## No. 2—*continued.*

| Final Grants compared with the Actuals. | | | Compared with the Actuals for 1921-22 | |
|---|---|---|---|---|
| Balances unexpended. | Required to be renewed in 1923-24. | Net savings. | Increase. | Decrease. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 7,59,577 14 8<br>—35,119 10 1 | 4,28,401 0 0 | 3,31,176 14 8<br>—35,119 10 1 | 18,70,594 11 11 | 2,22,964 15 4 |
| 89,547 11 4 | 50,097 0 0 | 39,450 11 4 | 26,516 8 7 | 2,015 12 2 |
| 6,855 1 0 | 80 0 0 | 6,775 1 0 | 6,917 1 9 | ...... |
| ...... | ...... | ...... | ...... | ...... |
| 7,141 2 3 | 3,075 0 0 | 4,066 2 3 | 17,812 1 11 | ...... |
| 8,496 12 8 | 1,794 5 10 | 6,702 6 10 | 13,458 9 6 | ...... |
| 15,868 10 2 | 15,868 10 2 | ...... | ...... | 1,282 6 6 |
| 1,27,909 5 5 | 70,915 0 0 | 56,994 5 5 | 64,764 5 9 | 3,298 2 8 |
| 1,362 6 9 | 940 0 0 | 422 6 9 | 4,841 11 1 | ...... |
| 9,441 3 6 | 6,296 0 0 | 3,145 3 6 | 28,850 11 0 | ...... |
| 2,030 12 2 | 1,845 0 0 | 185 12 2 | 4,628 13 8 | ...... |
| 32,408 5 6 | 17,710 0 0 | 14,698 5 6 | 90,755 2 11 | ...... |
| 3,768 6 5 | 2,740 0 0 | 1,028 6 5 | 13,489 5 8 | ...... |
| 12,972 14 1 | 9,100 0 0 | 3,872 14 1 | ...... | 48,967 13 7 |
| 1,45,062 12 0 | 1,02,548 0 0 | 42,514 12 0 | ...... | 42,451 9 3 |
| 2,504 5 11 | 2,300 0 0 | 204 5 11 | 390 14 7 | ...... |
| 60,562 8 11 | 53,738 0 0 | 6,824 8 11 | ... | 17,210 9 3 |
| 4,800 0 0 | 4,800 0 0 | ...... | ...... | ...... |
| 2,25,962 8 11 | 1,72,486 0 0 | 53,416 8 11 | 390 14 7 | 1,08,630 0 1 |
| 53,284 12 10 | 51,395 0 0 | 889 12 10 | 16,298 14 5 | |
| 3,25,836 1 4 | 2,52,472 0 0 | 73,364 1 4 | 1,64,413 14 3 | 1,08,630 0 1 |
| 53,027 12 10 | 50,552 0 0 | 2,475 12 10 | ...... | 15,282 7 10 |
| 23,946 4 1 | 2,073 0 0 | 21,873 4 1 | ...... | 35,310 9 2 |
| 35,813 4 2 | 13,411 0 0 | 22,402 4 2 | 24,946 3 0 | ...... |
| 29,946 14 0 | 29,946 0 0 | 0 14 0 | 7,498 7 6 | ...... |
| 4,69,932 11 2 | 3,49,394 0 0 | 1,20,538 11 2 | 1,91,700 3 10 | 1,59,223 1 1 |
| 13,942 4 6 | 6,344 0 0 | 7,598 4 6 | 13,178 14 9 | ...... |
| 5,70,539 6 6 | 3,80,356 0 0 | 1,90,183 6 6 | 8,44,825 7 6 | ...... |
| 6,140 10 10 | 5,700 0 0 | 440 10 10 | ...... | 96,156 11 11 |
| ...... | ...... | ...... | 85,800 0 0 | ...... |
| 50,527 9 10 | 50,375 2 6 | 152 7 4 | 1,76,022 13 7 | ...... |
| 22,773 13 6 | 22,773 13 6 | ...... | ...... | 2,385 5 5 |
| 6,63,923 13 2 | 4,65,549 0 0 | 1,98,374 13 2 | 11,19,827 3 10 | 98,542 1 4 |
| 766 6 5 | ...... | 766 6 5 | 245 4 3 | ...... |
| 2,34,439 11 1 | 2,15,747 0 0 | 18,692 11 1 | 1,82,175 8 10 | ...... |
| 2,35,206 1 6 | 2,15,747 0 0 | 19,459 1 6 | 1,82,420 13 1 | ...... |
| 23,56,649 13 11<br>—35,119 10 1 | 15,30,006 0 0 | 7,26,543 13 11<br>—35,119 10 1 | 34,29,307 6 5 | 4,84,028 4 5 |

| Actuals for 1921-22. | PARTICULARS. | Details of Actuals for 1922-23. | Actuals for 1922-23. | Final Grants sanctioned for Expenditure during 1922-23. |
|---|---|---|---|---|
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,55,22,752 12 9 | Brought forward ... | ...... | 1,84,68,031 14 9 | 2,06,89,462 2 7 |
| | **X.—Drainage and Sewerage including the Halalkhore Branch.** | | | |
| 19,963 0 7 | A.—General Charges ... ... | 17,953 7 7 | | 33,703 0 0 |
| | B.—Drainage and Sluices— | | | |
| 4,96,476 5 10 | (a) Miscellaneous Drainage ... .. ... | 5,03,281 5 4 | | 5,75,230 0 0 |
| 4,107 2 4 | (b) Sluices ... ... ... | 4,859 4 3 | | 6,010 0 0 |
| 5,00,583 8 2 | | 5,08,140 9 7 | | 5,81,240 0 0 |
| | C.—Pumping and Compressor Station and Floodgates— | | | |
| 15,207 11 2 | (a) Inspection and Supervision ... ... ... | 19,115 3 7 | | 19,280 0 0 |
| 41,558 12 6 | (b) Compressor Station, Colaba ... ... ... | 51,710 5 0 | | 59,032 0 0 |
| 3,82,906 4 9 | (c) Pumping Station, Love Grove ... ... ... | 3,36,206 5 9 | | 3,98,706 0 0 |
| 2,10,726 2 0 | (d) Compressor Station, Love Grove ... ... | 2,25,479 10 7 | | 2,81,063 0 0 |
| 10,998 9 10 | (e) Compressor Station at Bhandarwada (upkeep). | 27,989 3 3 | | 28,000 0 0 |
| ...... | (f) Compressor Station at Fergusson Road (upkeep) | 11,352 14 1 | | 13,000 0 0 |
| 12,177 9 1 | (g) Floodgates ... ... | 16,751 6 11 | | 19,231 0 0 |
| 6,73,575 1 4 | | 6,88,605 1 2 | | 8,18,312 0 0 |
| | D.—Halalkhore Branch— | | | |
| ...... | (a) Superintendence and Inspection (included under VII B) ... ... | ...... | | ...... |
| 6,03,646 1 10 | (b) Cleansing and Sanitation ... ... ... | 6,30,523 10 7 | | 6,36,869 14 8 |
| 1,54,558 0 5 | (c) Bullock Traction ... | 1,61,488 7 9 | | 1,73,809 7 0 |
| ...... | (d) Veterinary (Included under VII B) ... ... | ...... | | ...... |
| 56,493 8 9 | (e) Miscellaneous ... ... | 58,044 9 3 | | 93,685 0 1 |
| 8,14,697 11 0 | | 8,50,056 11 7 | | 9,04,364 5 9 |
| 14,57,661 3 4 | Debt Charges ... ... | *15,76,746 6 10 | | 16,74,589 14 5 |
| 1,02,563 9 8 | New Works ... ... ... | 2,18,992 13 6 | | 2,85,209 1 6 |
| 35,60,044 2 1 | | | 38,60,495 2 3 | 42,97,418 5 8 |
| 3,50,081 13 11 | **XI.- Fire Brigade.** | 3,53,697 14 0 | | 4,14,665 10 0 |
| 42,009 13 10 | Debt Charges ... ... | 40,176 1 8 | | 53,050 2 7 |
| 2,292 8 0 | New Works ... ... ... | 8,517 10 2 | | 21,415 0 0 |
| 3,94,384 3 9 | | | 4,02,391 9 10 | 4,89,130 12 7 |
| | **XII.—Building Regulations and other measures for securing the Public Safety.** | | | |
| 30,393 1 2 | A.—General Charges ... ... | 30,468 2 2 | | 34,644 0 0 |
| 63,057 4 5 | B.—Executive Engineer's General Office Establishment ... ... ... ... | 66,968 1 2 | | 83,139 0 0 |
| 1,72,397 11 7 | C.—Establishment for Inspection and Supervision of Private Buildings ... ... | 2,19,704 9 10 | | 2,39,180 0 0 |
| 6,995 6 7 | D.– Supervision of Factories, Workshops and Work Places. | 8,457 4 10 | | 9,578 0 0 |
| 45,655 11 10 | E.—Licensing Establishment ... | 52,916 6 4 | | 54,513 10 8 |
| 3,455 2 9 | F.—Street Ambulance Service ... | 8,766 14 2 | | 9,225 0 0 |
| 1,018 3 1 | Debt Charges ... ... ... | 979 8 2 | | 1,019 0 0 |
| 3,22,972 9 5 | | | 3,88,255 14 8 | 4,31,298 10 8 |
| 1,98,00,153 12 0 | Carried over ... | ...... | 2,31,19,174 9 6 | 2,59,07,309 15 6 |

*This includes Rs. 2,500 on account of the repayment of the Drainage Loan of 1878.

## No. 2—*continued.*

| Final Grants compared with the Actuals. | | | Compared with the Actuals for 1921-22. | |
|---|---|---|---|---|
| Balances unexpended. | Required to be renewed in 1923-24. | Net savings. | Increase. | Decrease. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 22,56,549 13 11 | | 7,26,543 13 11 | 34,29,307 6 5 | 4,84,028 4 5 |
| —35,119 10 1 | 15,30,006 0 0 | —35,119 10 1 | ...... | ........ |
| 15,749 8 5 | 1,716 0 0 | 14,083 8 5 | 6,990 7 0 | ........ |
| 71,948 10 8 | 18,718 0 0 | 53,230 10 8 | 6,804 15 6 | ......... |
| 1,150 11 9 | 219 0 0 | 931 11 9 | 752 1 11 | ......... |
| 73,099 6 5 | 18,937 0 0 | 54,162 6 5 | 7,557 1 5 | ........ |
| 164 12 5 | ...... | 164 12 5 | 3,907 8 5 | ......... |
| 7,321 10 0 | 4,283 0 0 | 3,038 11 0 | 10,151 8 6 | ......... |
| 62,499 10 3 | 55,913 0 0 | 6,586 10 3 | ...... | 46,699 15 0 |
| 55,583 5 5 | 36,138 0 0 | 19,445 5 5 | 14,753 8 7 | ......... |
| 10 12 9 | 10 0 0 | 0 12 9 | 16,990 9 5 | ......... |
| 1,647 1 11 | 1,500 0 0 | 147 1 11 | 11,352 14 1 | ......... |
| 2,479 9 1 | 134 0 0 | 2,345 9 1 | 4,573 13 10 | ......... |
| 1,29,706 14 10 | 97,978 0 0 | 81,728 14 10 | 61,729 14 10 | 46,699 15 0 |
| ...... | ...... | ...... | ...... | ......... |
| 6,346 4 1 | 6,230 0 0 | 116 4 1 | 26,877 8 9 | ......... |
| 12,320 15 8 | 12,280 0 0 | 40 15 8 | 6,930 7 4 | ......... |
| ...... | ...... | ...... | ...... | ......... |
| 35,640 6 10 | 35,605 0 0 | 35 6 10 | 1,551 0 6 | ......... |
| 54,307 10 2 | 54,115 0 0 | 192 10 2 | 35,359 0 7 | ......... |
| 97,843 7 7 | 86,116 12 0 | 11,726 11 7 | 1,19,085 3 6 | ......... |
| 66,216 4 0 | 66,216 4 0 | ...... | 1,16,429 3 10 | ......... |
| 4,36,923 3 5 | 2,96,569 0 0 | 1,40,354 3 5 | 3,47,150 15 2 | 46,699 15 0 |
| 60,967 12 0 | 32,770 0 0 | 28,197 12 0 | 3,616 0 1 | ......... |
| 12,874 0 11 | 2,275 0 0 | 10,599 0 11 | ...... | 1,833 12 2 |
| 12,897 5 10 | 12,896 0 0 | 1 5 10 | 6,225 2 2 | ......... |
| 86,739 2 9 | 47,941 0 0 | 38,798 2 9 | 9,841 2 3 | 1,833 12 2 |
| 4,175 13 10 | 2,032 0 0 | 2,143 13 10 | 75 1 0 | ......... |
| 16,175 14 10 | 1,123 0 0 | 15,052 14 10 | 3,905 12 9 | ......... |
| 19,475 6 2 | 15,457 0 0 | 4,018 6 2 | 47,306 14 8 | ......... |
| 1,120 11 2 | 151 0 0 | 969 11 2 | 1,461 14 3 | ......... |
| 1,597 4 4 | 1,158 0 0 | 439 4 4 | 7,260 10 6 | ......... |
| 458 1 10 | 450 0 0 | 8 1 10 | 5,311 11 5 | ......... |
| 39 7 10 | 39 0 0 | 0 7 10 | ...... | 38 10 11 |
| 43,042 12 0 | 20,410 0 0 | 22,632 12 0 | 65,322 0 2 | 38 10 11 |
| 28,23,255 0 1 | 18,94,926 0 0 | 9,28,329 0 1 | 38,52,121 8 0 | 5,32,600 10 6 |
| —35,119 10 1 | | —35,119 10 1 | | |

## Appendix

| Actuals for 1920-21. | PARTICULARS. | Details of Actuals for 1922-23. | Actuals for 1922-23. | Final Grants sanctioned for Expenditure during 1922-23. |
|---|---|---|---|---|
| Rs. a. p. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,98,00,153 12 0 | Brought forward ... | ...... | 2,31,19,174 9 6 | 2,59,07,309 15 6 |
| | **XIII.—Gardens and Open Spaces.** | | | |
| 3,000 0 0 | A.—General Charges ... ... | 3,000 0 0 | | 3,000 0 0 |
| | B.—Gardens— | | | |
| 1,17,107 5 8 | (*a*) Victoria Gardens ... | 1,11,731 9 1 | | 1,46,998 7 2 |
| 28,608 6 3 | (*b*) Miscellaneous gardens, open spaces, Band Stands, etc. .. ... | 25,189 7 7 | | 34,363 12 10 |
| 1,45,715 11 11 | | 1,36,921 0 8 | | 1,81,362 4 0 |
| 7,500 0 0 | C.—New Gardens, Recreation Grounds, etc.... ... ... | 1,376 11 0 | | 1,700 0 0 |
| 65,506 14 10 | Debt Charges ... ... ... | 89,781 14 10 | | 1,34,011 0 0 |
| 2,565 6 0 | New Works ... ... ... | 3,639 8 9 | | 5,718 10 0 |
| 2,24,288 0 9 | | | 2,34,769 3 3 | 3,25,791 14 0 |
| | **XIV.—Markets and Slaughter Houses.** | | | |
| 17,419 15 3 | A.—General Charges ... ... | 12,744 12 3 | | 14,487 0 0 |
| | B.—Markets and Slaughter Houses— | | | |
| 29,645 0 2 | (*a*) Central Office ... ... | 34,434 4 5 | | 34,895 6 0 |
| 1,28,618 3 10 | (*b*) Municipal Markets ... | 1,82,811 5 9 | | 2,84,107 15 0 |
| 1,01,516 7 4 | (*c*) Slaughter Houses ... | 1,50,287 11 6 | | 1,71,043 0 0 |
| 4,062 7 7 | (*d*) Private Markets ... | ...... | | ...... |
| 3,038 9 5 | (*e*) Contraband Meat Traffic. | 3,620 0 0 | | 3,672 0 0 |
| 1,37,330 11 2 | (*f*) Meat Carriage ... .. | 1,42,792 15 10 | | 1,55,300 11 0 |
| ...... | (*g*) War Measures (Relief to the Poor) .. ... | ...... | | ...... |
| ...... | (*h*) Refrigerator ... ... | 6,970 14 2 | | 12,500 0 0 |
| 4,04,211 7 6 | | 5,20,867 3 8 | | 6,61,468 10 0 |
| 91,597 0 3 | Debt Charges ... ... | 1,19,520 5 8 | | 1,60,898 13 9 |
| 31,796 6 7 | New Works ... ... | 12,467 0 3 | | 60,705 0 0 |
| 5,45,024 13 7 | | | 6,65,590 5 10 | 8,97,553 7 9 |
| 15,76,573 15 3 | **XV.—Contribution to the City Improvement Trust** | ...... | 17,85,007 2 3 | 17,85,007 2 3 |
| ...... | **XVII.—New Works, Work-shops** | ...... | 1,436 13 0 | 5,000 0 0 |
| 27,800 11 7 | **Establishment for the upkeep of various Municipal Buildings.** | ...... | ...... | ...... |
| 37,685 4 0 | **Municipal Debt ... ... ...** | ...... | 36,516 13 0 | 36,516 13 0 |
| 2,53,427 3 6 | **Investment of sale proceeds of Municipal Lands in the Municipal Land and Building Funds ... ... ... ...** | ...... | 3,18,883 6 4 | 3,18,883 6 4 |
| ...... | **Contribution to Provident Fund by the Municipal Corporation.** | ...... | 51 6 8 | 1,000 0 0 |
| 2,24,64,953 12 8 | Total Rs. ... | ...... | 2,61,61,438 11 10 | 2,92,77,068 10 10 |

M. R. TAMBE,

Ag. Chief Accountant.

## No. 2—*concluded.*

| Final grants compared with the Actuals. | | | Compared with the Actuals for 1921-22. | |
|---|---|---|---|---|
| Balances unexpended. | Required to be renewed in 1923-24. | Net savings. | Increase. | Decrease. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 28,23,255 0 1 | 18,94,926 0 0 | 9,28,529 0 1 | 38,52,121 8 0 | 5,32,600 10 6 |
| —35,119 10 1 | | —35,119 10 1 | | |
| ...... | ...... | ...... | ...... | ...... |
| 35,266 14 1 | 27,117 0 0 | 8,149 14 1 | ...... | 5,375 12 7 |
| 9,174 5 3 | 5,985 0 0 | 3,239 5 3 | ...... | 3,418 14 8 |
| 44,441 3 4 | 33,052 0 0 | 11,389 3 4 | ...... | 8,794 11 3 |
| 323 5 0 | ...... | 323 5 0 | ...... | 6,123 5 0 |
| 44.229 1 2 | 17 0 0 | 44,212 1 2 | 24,275 0 0 | ...... |
| 2,029 1 3 | 2,028 0 0 | 1 1 3 | 1,124 2 9 | ...... |
| 91,022 10 9 | 35,097 0 0 | 55,925 10 9 | 25,399 2 9 | 14,918 0 3 |
| 1,742 3 9 | 1,733 0 0 | 9 3 9 | ...... | 4,675 3 0 |
| 460 11 7 | ...... | 460 11 7 | 4,789 4 3 | ...... |
| 1,01,296 9 3 | 98,086 0 0 | 3,210 9 3 | 54,193 1 11 | ...... |
| 20,805 4 6 | 17,799 0 0 | 3,006 4 6 | 48,721 4 2 | ...... |
| ...... | ...... | ...... | ...... | 4,062 7 7 |
| 2 0 0 | ...... | 2 0 0 | 581 6 7 | ...... |
| 12,507 11 2 | 3,800 0 0 | 8,707 11 2 | 5,462 4 8 | ...... |
| ...... | ...... | ...... | ...... | |
| 5,529 1 10 | 1,000 0 0 | 4,529 1 10 | 6,970 14 2 | ...... |
| 1,40,601 6 4 | 1,20,685 0 0 | 19,916 6 4 | 1,20,718 3 9 | 4,062 7 7 |
| 41,378 8 1 | 9,822 0 0 | 31,556 8 1 | 27,923 0 5 | ...... |
| 48,237 15 9 | 47,634 0 0 | 603 15 9 | ...... | 19,329 6 4 |
| 2,31,960 1 11 | 1,79,874 0 0 | 52,086 1 11 | 1,48,641 9 2 | 28,067 0 11 |
| ...... | ...... | ...... | 2,08,433 3 0 | ...... |
| 3,563 3 0 | 1,410 0 0 | 2,153 3 0 | 1,436 13 0 | ...... |
| ...... | ...... | ...... | ...... | 27,800 11 7 |
| ...... | ...... | ...... | ...... | 1,168 7 0 |
| ...... | ...... | ...... | 65,456 2 10 | ...... |
| 948 9 4 | ...... | 948 9 4 | 51 6 8 | ...... |
| 31,50,749 9 1 | 21,11,307 0 0 | 10,39,442 9 1 | 43,01,039 13 8 | 6,04,554 14 3 |
| —35,119 10 1 | | —35,119 10 1 | | |

H. B. CLAYTON,
Municipal Commissioner.

# Appendix No. 3.

## Revenue Account for the year ended 31st March 1923.

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Receipts as per Appendix No. 1 ... ... ... ... ... ... | | 2,67,53,463 1 6 |
| Payments as per Appendix No. 2 ... ... ... ... ... ... | | 2,61,61,438 11 10 |
| Excess Receipts over Payments ... ... ... ... ... ... | | 5,92,024 5 8 |
| *Less—* | | |
| *Increase in outstanding liabilities.* | | |
| On account of grants renewed ... ... ... ... ... | 3,16,199 11 4 | |
| On account of payment to City Improvement Trust ... ... | 1,22,248 4 6 | 4,38,447 15 10 |
| Net savings for the year ... ... ... ... ... ... | | 1,53,576 5 10 |
| Surplus Revenue Fund as at 1st April 1922 ... ... ... | | 45,59,804 14 7 |
| *Add—* | | |
| Net savings for the year as shown above ... ... ... ... | | 1,53,576 5 10 |
| Surplus Revenue Fund as at 31st March 1923 as per Appendix No. 5 ... ... ... ... ... ... ... ... ... | | * 47,13,381 4 5 |

*This includes Rs. 1,00,000 being minimum required by law and Rs. 15,35,032-6-11 being Reserve Stock Balances as at 31st March 1923.

M. R. TAMBE,

Ag. Chief Account.

H. B. CLAYTON,

Municipal Commissioner.

# Appendix No. 4.

## Statement of Special Funds for 1922-23.

### Municipal Fire and Accident Insurance Fund. Year ended 31st March 1923.

| | | | | *Dr.* Rs. | a. | p. | *Cr.* Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|
| Balance on 1st April 1922 ... ... ... ... ... ... ... | | | | ...... | | | 3,34,856 | 12 | 6 |
| Municipal Contribution for the year ... ... ... ... ... | | | | ...... | | | 15,000 | 0 | 0 |
| Interest realized ... ... ... ... ... ... ... ... | | | | ...... | | | 13,487 | 2 | 0 |
| Expenditure incurred for fixing fire-extinguishers in the Municipal Head Office .. ... ... ... ... ... ... ... ... | | | | 40 | 12 | 0 | ...... | | |
| Repairs to a cupboard ... ... ... ... ... ... ... | | | | 32 | 14 | 0 | ...... | | |
| ,, to a scavengering cart burnt by fire ... ... ... ... | | | | 75 | 2 | 0 | ...... | | |
| Making a new scavengering cart to replace a burnt cart ... ... | | | | 157 | 3 | 0 | ...... | | |
| Cost of repairs to the motor car of Mr. J. P. Katgara damaged by Fort fire engine ... ... ... ... ... ... ... ... | | | | 190 | 0 | 0 | ...... | | |
| Cost 3½ per cent. and 3 per cent. Government Paper written down to 60 per cent. and 48 per cent. respectively ... ... | | | | 1,08,388 | 2 | 0 | ...... | | |
| Balance on 31st March 1923 as per Balance Sheet, Appendix No. 5 ... ... ... ... Rs. | 2,57,600 | 1 | 10 | | | | | | |
| *Less*—Balance due to the General Fund ... ,, | 3,140 | 4 | 4 | 2,54,459 | 13 | 6 | ...... | | |
| Total Rs. ... | | | | 3,63,343 | 14 | 6 | 3,63,343 | 14 | 6 |

### Worn-out Water Mains Renewal Fund. Year ended 31st March 1923.

| | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|
| Balance on 1st April 1923 ... ... ... ... ... ... ... | ...... | | | 7,11,476 | 10 | 2 |
| Interest realized ... ... ... ... ... ... ... ... | ...... | | | 26,834 | 1 | 0 |
| Cost of 3½ per cent. and 3 per cent. Government Paper written down to 60 per cent. and 48 per cent. respectively ... ... ... ... | 2,56,995 | 7 | 0 | ...... | | |
| Balance on 31st March 1923 as per Balance Sheet, Appendix No. 5 ... | 4,81,315 | 4 | 2 | ...... | | |
| Total Rs. ... | 7,38,310 | 11 | 2 | 7,38,310 | 11 | 2 |

### Net Premia Fund. Year ended 31st March 1923.

| | | | | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|
| Balance on 1st April 1922 ... ... ... ... ... ... ... | | | | ...... | | | 8,41,692 | 12 | 9 |
| Interest realized ... ... ... ... ... ... ... ... | | | | ...... | | | 43,961 | 4 | 8 |
| Extra Interest realizations on Sinking Fund Investments ... ... | | | | ...... | | | 2,01,941 | 15 | 4 |
| Premia earned on account of net difference between the par value and the actual cost of securities transferred to different Sinking Funds. | | | | ...... | | | 23,950 | 14 | 0 |
| Sale of water-marked paper ... ... ... ... ... ... ... | | | | ...... | | | 123 | 2 | 3 |
| Proportionate initial expenses on account of flotation, on the 75 Lakhs Loan borrowed out of Bombay Development Loan from Government ... ... ... ... ... ... ... ... ... | | | | 60,000 | 0 | 0 | ...... | | |
| Solicitors' charges in connection with the raising of bill Loan of Rs. 5 lakhs ... ... ... ... ... ... ... ... ... | | | | 100 | 0 | 0 | ...... | | |
| Stamp duty on the loan of Rs. 75 lakhs ... ... ... ... ... | | | | 75,000 | 0 | 0 | ...... | | |
| ,, ,, the bill loan of Rs. 5 lakhs ... ... ... ... | | | | 450 | 0 | 0 | ...... | | |
| Advertisement charges in connection with the bill loan of Rs. 5 lakhs. | | | | 57 | 3 | 0 | ...... | | |
| Brokerage at ⅛ per cent. paid to Brokers in connection with the bill loan of Rs. 5 lakhs ... ... ... ... ... ... ... ... | | | | 625 | 0 | 0 | ...... | | |
| Solicitors' charges for drawing up agreements for payment of income tax on the interest of 50 and 75 lakhs loans ... ... ... | | | | 202 | 13 | 4 | ...... | | |
| Stamp fee on the above agreements ... ... ... ... ... | | | | 4 | 0 | 0 | ...... | | |
| Cost of 3½ per cent. and 3 per cent. Government Paper written down to 60 per cent. and 48 per cent. respectively ... ... ... ... | | | | 1,89,426 | 10 | 0 | ...... | | |
| Balance on 31st March 1923 as per Balance Sheet, Appendix No. 5 ... ... ... ... Rs. | 7,85,554 | 6 | 8 | | | | | | |
| Balance due by the General Fund ... ... ,, | 250 | 0 | 0 | *7,85,804 | 6 | 8 | ...... | | |
| Total Rs. ... | | | | 11,11,670 | 1 | 0 | 11,11,670 | 1 | 0 |

### Municipal Land and Buildings Fund. Balance Sheet as at 31st March 1923.

| | Rs. | a. | p. | Rs. | a. | p. | | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fund on 1st April 1921 ... | | | | 39,18,110 | 10 | 3 | Lands purchased and buildings erected upto 31st March 1922, at cost ... ... ... ... | 19,58,820 | 6 | 7 | | | |
| Transfer of the amount of moneys received on account of sale of land other than set-forward land during the year (1922-23) ... ... | 3,18,883 | 6 | 4 | | | | Lands purchased and buildings erected during 1922-23 and expenditure incurred in connection therewith (*vide* details attached to Appendix No. 8). | 1,71,867 | 14 | 7 | | | |
| Interest realized ... ... | 1,01,230 | 10 | 0 | 4,20,114 | 0 | 4 | | | | | 21,30,688 | 5 | 0 |
| Sale proceeds of lands—<br>Sale of surplus land in respect of widening and improving Dalal Street ... ... ... | 24,000 | 0 | 0 | | | | Cost of 3 per cent. and 3½ per cent. Government Paper written down to 48 per cent. and 60 per cent. ... ... | ...... | | | 1,37,446 | 0 | 0 |
| Approximate share to be borne by Bombay Port Trust for acquisition of properties for Victoria Road Overbridge west approach. | 1,00,000 | 0 | 0 | 1,24,000 | 0 | 0 | Investments—<br>In public securities as per Appendix No. 5A ... ... | 18,44,972 | 0 | 0 | | | |
| | | | | | | | Cash with the Imperial Bank of India ... ... ... | 193 | 8 | 7 | | | |
| | | | | | | | Deposits at call with Tata Industrial Bank ... ... | 3,00,000 | 0 | 0 | | | |
| | | | | | | | Fixed deposit with Central Bank of India ... ... | 44,000 | 0 | 0 | | | |
| | | | | | | | Current Account with Central Bank of India, Ltd. ... | 4,893 | 3 | 10 | | | |
| | | | | | | | Tata Industrial Bank, Ltd. ... | 31 | 9 | 0 | 21,94,090 | 5 | 5 |
| Fund on 31st March 1923 ... ... ... | | | | 44,62,224 | 10 | 7 | Total Rs. ... | | | | 44,62,224 | 10 | 7 |

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* Out of this Rs. 3,74,330-10-4 belong to Water Works Account.

## Appendix No. 4—*concluded.*

### Statement of Special Funds for 1922-23.

### Mahim Development Scheme Fund. Balance Sheet as at 31st March 1923.

| LIABILITIES. | Rs. a. p. | Rs. a. p. | ASSETS. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|---|---|
| Contribution from Government— | | | *Expenditure—* | | |
| Receipts during 1920-21. | 16,00,000 0 0 | | Expenditure up to 31st March 1922 ... ... | 8,28,015 14 0 | |
| Receipts during 1921-22. | 12,00,000 0 0 | | Expenditure during 1922-23—<br>Scheme Nos.— | | |
| Receipts during 1922-23. | 3,00,000 0 0 | 31,00,000 0 0 | I. Construction of Road from Lady Jamshedji Road to Mahim Station ... | 99,260 13 6 | |
| Sale of lands and other receipts up to 31st March 1922 ... ... | 2,73,942 0 0 | | *Less—*<br>Interest paid to Government for the period ending 31st October 1922 as per contra ... | 27,500 0 0 | |
| *Add—*<br>Sale of lands and other receipts during 1922-23. | 1,58,758 9 6 | 4,32,700 9 6 | | 71,760 13 6 | |
| Interest realized up to 31st March 1922 ... | 21,708 13 2 | | | | |
| *Add—*<br>Interest realized during 1922-23 ... ... ... | 1,23,109 13 5 | | II. Construction of two Roads and Park between Nardalla Tank and Dadar Kumbharwada ... | 1,85,869 7 8 | |
| | 1,44,818 10 7 | | *Less—*<br>Interest paid to Government for the period ending 31st October 1922 as per contra ... ... | 27,500 0 0 | |
| *Less—*<br>Interest paid to Government in respect of Scheme Nos. I, II, III and IV as per contra ... | 1,33,945 4 0 | 10,873 6 7 | | 1,58,369 7 8 | |
| | | 35,43,574 0 1 | III. Extension of the New Delisle Road Northwards to Lady Jamsetji Road ... | 10,44,777 5 4 | |
| Represents overdraft from available Loan Funds, pending raising of specific Development Loan ... ... ... | ...... | 5,72,754 1 1 | *Less—*<br>Interest paid to Government for the period ending 31st October 1922 as per contra... ... | 35,510 4 5 | |
| | | | | 10,09,267 0 11 | |
| | | | IV. Widening and improving Lady Jamshedji Road ... | 21,52,557 14 4 | |
| | | | *Less—*<br>Interest paid to Government for the period ending 31st October 1922 as per contra ... | 43,434 15 7 | |
| | | | | 21,09,122 14 9 | |
| | | | Acquisition of properties for a public park at Mahim and the development of the surrounding area ... ... | *Cr.*60,231 2 8 | |
| | | | Total Nos. I, II, III and IV ... | 32,88,289 2 2 | 41,16,305 0 3 |
| | | | Investments—<br>Cash with the Imperial Bank of India ... ... | ...... | 23 0 11 |
| Total Rs. ... | | 41,16,328 1 2 | Total Rs. ... | | 41,16,328 1 2 |

M. R. TAMBE,
Acting Chief Accountant.

H. B. CLAYTON,
Municipal Commissioner.

## Appendix

## REVENUE ACCOUNT BALANCE

| Liabilities. | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|
| **Debts—** | | | | | | |
| Due on Cheques payable ... ... ... ... ... ... ... ... | 1,91,242 | 5 | 7 | | | |
| " Stores purchased, Outstanding Accounts ... ... ... ... ... | 1,40,719 | 8 | 0 | | | |
| " Outstanding Charges for 1921-22 and previous years ... ... ... | 21,11,307 | 0 | 0 | | | |
| " Do. " for repayment of 4½ Lakhs Loan ... ... | 54,500 | 0 | 0 | | | |
| " Do. " for repayment of Plague Loan ... ... ... | 3,500 | 0 | 0 | | | |
| " Do. " on account of Interest accrued but not paid ... | 5,17,133 | 5 | 4 | | | |
| City Improvement Trust— | | | | | | |
| Contribution falling due in 1923-24 ... ... ... ... ... ... | 19,07,255 | 6 | 9 | | | |
| Deposits in Cash and Paper from Contractors and private parties ... ... | 36,45,146 | 10 | 0 | | | |
| Government of Bombay— | | | | | | |
| Taxes, &c. ... ... ... ... ... ... ... ... ... ... | 17,483 | 1 | 8 | | | |
| Imperial Bank of India on account of Contractors securities held under objection | ...... | | | | | |
| | | | | 85,88,287 | 5 | 4 |
| **Trust Funds—** | | | | | | |
| Cash deposit on Public monuments and Works of Utility ... ... ... | 1,00,970 | 1 | 7 | | | |
| Paper Deposits held from private parties on account of public monuments— | | | | | | |
| Maintenance of Sir Mangaldas Nathoobhoy's clock ... ... ... .. | 500 | 0 | 0 | | | |
| Do. Ranade Memorial ... ... ... ... ... ... | 1,200 | 0 | 0 | | | |
| Do. J. N. Tata Memorial ... ... ... ... ... ... | 1,200 | 0 | 0 | | | |
| Do. Charitable Dispensary at Kamatipura, opened by Rao Bahadur Ellapa Balaram ... ... ... ... ... | 19,500 | 0 | 0 | | | |
| Do. Charitable Dispensary at Kamatipura, opened in the name of the late Mr. Rajana Jalooji ... ... ... ... | 10,700 | 0 | 0 | | | |
| Do. Mr. Casamalli Jairajbhoy Peerbhoy's fountain at the junction of Hornby and Palton Roads ... ... ... ... | 5,000 | 0 | 0 | | | |
| Do. N. M. Petit's Memorial ... ... ... ... ... ... | 3,000 | 0 | 0 | | | |
| Do. Sir D. M. Petit's Memorial ... ... ... ... ... | 2,000 | 0 | 0 | | | |
| Do. Maternity Home at Chhas Mohalla ... ... ... ... | 3,13,500 | 0 | 0 | | | |
| Do. Medical College in connection with King Edward VII Memorial Hospital, by Gordhandas Sundardas Charities' Trust ... ... ... ... ... ... ... ... | 12,50,000 | 0 | 0 | | | |
| Messrs. Ardeshir Hormusji Dinshaw & Co., for the Advocate-General, Plaintiff in High Court Suit No. 485, Donation for the grant of free clothing to patients discharged from the King Edward VII Memorial Hospital ... | 28,600 | 0 | 0 | | | |
| | 16,35,200 | 0 | 0 | | | |
| **Suspense Accounts—** | | | | 17,36,170 | 1 | 7 |
| Profit on Sale of Stores ... ... ... ... ... ... ... ... | 7,393 | 12 | 8 | | | |
| Stock adjustment Account ... ... ... ... ... ... ... ... | 12,423 | 14 | 5 | | | |
| Supervision charges on stores sold ... ... ... ... ... ... ... | 159 | 11 | 5 | | | |
| Loan Works Establishment ... ... ... ... ... ... ... ... | 17,869 | 15 | 8 | | | |
| Purchase of Petrol ... ... ... ... ... ... ... ... ... | 4,195 | 2 | 8 | | | |
| War measures—Relief to the Poor (Municipal Grain shops) ... ... ... | ...... | | | | | |
| Contribution from Government towards the cost of Primary School Buildings and their sites ... ... ... ... ... ... ... ... ... | ...... | | | | | |
| **Loan Funds—** | | | | 42,042 | 8 | 10 |
| Establishment ... ... ... ... ... ... ... ... ... | 247 | 4 | 0 | | | |
| Purchases ... ... ... ... ... ... ... ... ... ... | 1,647 | 13 | 0 | | | |
| | | | | 1,895 | 1 | 0 |
| Provident Fund ... ... ... ... ... ... ... ... ... ... | ..... | | | 76,913 | 15 | 7 |
| **Special Funds as at 31st March 1923—** | | | | | | |
| Fines Fund ... ... ... ... ... ... ... ... ... ... | ...... | | | 24,445 | 8 | 0 |
| Fire and Accident Insurance Fund ... ... ... ... ... ... ... | 2,54,459 | 13 | 6 | | | |
| Net Premia Fund ... ... ... ... ... ... ... ... ... | 7,85,804 | 6 | 8 | | | |
| Worn out Water Mains Renewal Fund ... ... ... ... ... ... | 4,81,315 | 4 | 2 | | | |
| | | | | 15,21,579 | 8 | 4 |
| Carried forward ...Rs. | | | | 1,19,91,334 | 0 | 8 |

## No. 5.

## SHEET AS AT 31st MARCH 1923.

| Assets. | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|
| Cash in Office and in Bank... | 11,52,368 | 9 | 4 | | | |
| *Add*—Balance due by Municipal Fire and Accident Fund to General Fund ... | 3,140 | 4 | 4 | | | |
| *Less*— | 11,55,508 | 13 | 8 | | | |
| Do to Net Premia, etc., Fund—*Appendix No.* 4 ... | 250 | 0 | 0 | | | |
| **Debts**— | | | | 11,55,258 | 13 | 8 |
| Due for stores sold ... | | | | 78,519 | 1 | 1 |
| **Stock**— | | | | | | |
| Stock ... | 13,83,670 | 5 | 2 | | | |
| Water Works Imprest ... | 6,423 | 10 | 7 | | | |
| Executive Engineer (Purchase of Kerosine Oil) ... | 461 | 11 | 6 | | | |
| Stores in charge of Mechanical Engineer ... | 18,668 | 11 | 0 | | | |
| Do. Drainage Engineer ... | 3,481 | 8 | 0 | | | |
| Surplus and Obsolete Stores ... | 1,988 | 8 | 5 | | | |
| Line Suspense Account... | 1,04,412 | 15 | 7 | | | |
| Capital Stores ... | 15,925 | 0 | 8 | 15,35,032 | 6 | 11 |
| Plant and Machinery ... | | | | 13,21,008 | 13 | 7 |
| **Advances Recoverable**— | | | | | | |
| To Municipal Officers, &c. ... | 80,196 | 13 | 4 | | | |
| „ Miscellaneous Advances... ... | 3,77,376 | 9 | 1 | | | |
| „ Private and Departmental Works including Workshops ... | 5,55,491 | 15 | 9 | | | |
| „ Printing and Stamping, Building and Repair Certificates Forms ... | 190 | 8 | 8 | | | |
| „ Contractors ... | 37,951 | 0 | 4 | | | |
| „ Chief Auditor and Accountant, G. I. P. Railway and B. B. & C. I. Railway. | 212 | 14 | 0 | | | |
| „ Works Establishments, etc. ... | 7,00,307 | 8 | 3 | | | |
| „ London Stores ... | 3,54,954 | 11 | 10 | | | |
| „ Purchase of coal ... | 48,525 | 12 | 0 | | | |
| „ War Measures—Rent Relief ... | 283 | 15 | 2 | | | |
| „ Extraordinary Allowances ... | 5,884 | 13 | 9 | 21,61,376 | 10 | 2 |
| **Deposits in paper with Imperial Bank of India**— | | | | | | |
| On Contractors' Account ... | 9,57,700 | 0 | 0 | | | |
| Public Monuments Account ... | 16,35,200 | 0 | 0 | 25,92,900 | 0 | 0 |
| Carried forward Rs. ... | | | | 88,44,095 | 13 | 5 |

## Appendix

## REVENUE ACCOUNT BALANCE

|  | Rs. a. p. | Rs. a. p. |
|---|---|---|
| Brought over Rs. ... |  | 1,19,91,334 0 8 |
| **Surplus Revenue Fund as per Appendix No. 3** ... ... ... |  | 47,13,381 4 5 |
| Total Rs. ... |  | 1,67,04,715 5 1 |

M. R. TAMBE,
Acting Chief Accountant.

## No. 5—*concluded.*

## SHEET AS AT 31st MARCH 1923.

| | Face Value. | Actual cost. | Deposits in Cash and Fixed. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|---|---|
| **Investments—** | | | Brought over Rs. | | 88,44,095 13 5 |
| **Special Funds.** | Rs. a. p. | Rs. a. p. | Rs a. p. | | |
| Municipal Fire and Accident Insurance Fund— | | | | | |
| 3½ per cent. Indian War Bonds, 1928. | 10,000 0 0 | 10,100 0 0 | | | |
| 5 per cent. War Loan, 1929-47 | 17,200 0 0 | 15,136 0 0 | | | |
| 5½ per cent. Government Paper | 3,87,200 0 0 | 2,32,320 0 0 | | | |
| | 4,14,400 0 0 | 2,57,556 0 0 | 44 1 10 | 2,57,600 1 10 | |
| *Less*—Balance due to General Fund— | | | | 3,140 4 4 | |
| | | | | 2,54,459 13 6 | |
| Net Premia, &c., on different Municipal Loans— | | | | | |
| 3½ per cent. Government Paper | 13,08,600 0 0 | 7,85,160 0 0 | | | |
| | 13,08,600 0 0 | 7,85,160 0 0 | 394 6 8 | 7,85,554 6 8 | |
| *Add*—Balance due by the General Fund— | | | | 250 0 0 | |
| | | | | 7,85,804 6 8 | |
| Worn-out Water Mains Renewal Fund— | | | | | |
| 3½ per cent. Government Paper | 7,82,800 0 0 | 4,69,680 0 0 | | | |
| 5 per cent. War Loan, 1929-47 | 13,200 0 0 | 11,616 0 0 | | | |
| | 7,96,000 0 0 | 4,81,296 0 0 | 19 4 2 | 4,81,315 4 2 | 15,21,579 8 4 |
| Charges to be met out of levelling and metalling Private Streets Fund ... | | | | | 30,344 13 3 |
| **Surplus Revenue Fund.** | | | | | |
| 5 per cent. Municipal Debentures ... ... ... ... | 44,500 0 0 | 39,390 0 0 | | | |
| 4 per cent. Municipal Debentures ... ... ... ... | 5,000 0 0 | 3,250 0 0 | | | |
| 4 per cent. Improvement Trust Sterling Bonds for £25,000. | 3,75,000 0 0 | 3,75,000 0 0 | | | |
| 3½ per cent. Government Paper | 7,97,100 0 0 | 4,78,260 0 0 | | | |
| 3 " " " " | 100 0 0 | 48 0 0 | | | |
| 5½ per cent. Indian War Bonds of 1923 ... ... ... | 500 0 0 | 497 8 0 | | | |
| 6 per cent. 5 year Bonds 1927. | 30,500 0 0 | 30,576 4 0 | | | |
| 6½ per cent. Bombay Development Loan ... ... ... | 15,11,000 0 0 | 15,11,000 0 0 | | | |
| | 27,63,700 0 0 | 24,38,021 12 0 | 38,70,673 6 1 | 63,08,695 2 1 | 63,08,695 2 1 |
| | | | | Total Rupees ... | 1,67,04,715 5 1 |

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* For Face, Purchase and Market values of each kind of securities held in the Special Funds please see Appendix No. 5A attached.

H. B. CLAYTON,
Municipal Commissioner.

# Appendix No. 5A.

Comparison of Face, Purchase and Market Values at 31st March 1923 of the different securities held in the Special Funds.

| Name of Fund. | Particulars of Securities. | Face value. | Purchase rate. | Actual cost at Purchase rate. | | | Estimated Market rate. | Value at Market rate. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Rs. | | Rs. | a. | p. | | Rs. | a. | p. |
| Municipal Fire and Accident Insurance Fund. | 3½ per cent. Government Paper... | 3,87,200 | 60 per cent. | 2,32,320 | 0 | 0 | 61½ % | 2,38,128 | 0 | 0 |
| | 5½ per cent. 2nd Indian War Bonds, 1928 ... ... ... | 10,000 | 101 „ | 10,100 | 0 | 0 | 102½ % | 10,250 | 0 | 0 |
| | 5 per cent. War Loan, 1929-47 ... | 17,200 | 88 „ | 15,136 | 0 | 0 | 87½ % | 15,050 | 0 | 0 |
| | | 4,14,400 | | 2,57,556 | 0 | 0 | | 2,63,428 | 0 | 0 |
| Worn-out Water Mains Renewal Fund. | 3½ per cent. Government Paper. | 7,82,800 | 60 per cent. | 4,69,680 | 0 | 0 | 61½ % | 4,81,422 | 0 | 0 |
| | 5 per cent. War Loan, 1929-47 ... | 13,200 | 88 „ | 11,616 | 0 | 0 | 87½ % | 11,550 | 0 | 0 |
| | | 7,96,000 | | 4,81,296 | 0 | 0 | | 4,92,972 | 0 | 0 |
| Net Premia, &c., on different Municipal Loans. | 3½ per cent. Government Paper. | 13,08,600 | 60 per cent. | 7,85,160 | 0 | 0 | 61½ % | 8,04,789 | 0 | 0 |
| Municipal Lands' and Buildings Fund. | 3½ per cent. Government Paper. | 4,72,700 | 60 „ | 2,83,620 | 0 | 0 | 61½ % | 2,90,710 | 8 | 0 |
| | 3 Do. do. ... | 800 | 48 „ | 384 | 0 | 0 | 52¾ % | 422 | 0 | 0 |
| | 5 Do. War Loan, 1929-47. | 7,300 | 88 „ | 6,424 | 0 | 0 | 87½ % | 6,387 | 8 | 0 |
| | 6 Do. 5 year Bonds, 1926 ... | 10,64,400 | 101 „ | 10,75,044 | 0 | 0 | 101⅝ % | 10,81,696 | 8 | 0 |
| | 6 Do. do. 1927 ... | 4,79,500 | Par. | 4,79,500 | 0 | 0 | 101⅝ % | 4,87,291 | 14 | 0 |
| | | 20,24,700 | | 18,44,972 | 0 | 0 | | 18,66,508 | 6 | 0 |
| | Grand Total ... | 45,43,700 | | 33,68,984 | 0 | 0 | | 34,27,697 | 6 | 0 |

M. R. TAMBE,
Acting Chief Accountant.

H. B. CLAYTON,
Municipal Commissioner.

# Appendix

## CAPITAL FUND BALANCE

| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|
| **Loans Outstanding:—** | | | | | | | | | |
| **Due to Government—** | | | | | | | | | |
| Vehar Water Works Debt ... ... ... ... ... ... | 19,80,350 | 1 | 9 | | | | | | |
| 50 Lakhs Loan for construction of Drains, Roads, etc. (Bombay Development) ... ... ... ... ... ... | 50,00,000 | 0 | 0 | | | | | | |
| 1½ Crores Loan for Water Works, Roads, Overbridges, Drainage and Sewerage ... ... ... ... ... ... ... | 1,50,00,000 | 0 | 0 | | | | | | |
| 140 Lakhs Loan for Water Works Fire Brigade Quarters, Roads, Overbridges... ... ... ... ... ... ... | 1,15,00,000 | 0 | 0 | | | | | | |
| | | | | 3,34,80,350 | 1 | 9 | | | |
| **Due to the Public:—** | | | | | | | | | |
| Rs. 26,94,000 Drainage Loan of 1878 ... ... ... ... | 4,000 | 0 | 0 | | | | | | |
| 44 Lakhs Sanitary Works Loan of 1885-86 ... ... ... | 37,39,000 | 0 | 0 | | | | | | |
| 7 Lakhs Sanitary Works Loan of 1888 ... ... ... ... | 7,00,000 | 0 | 0 | | | | | | |
| 147 Lakhs Tansa Water Works Loan ... ... ... ... | 1,47,00,000 | 0 | 0 | | | | | | |
| 12 Lakhs Drainage and Water Works Loan ... ... ... | 12,00,000 | 0 | 0 | | | | | | |
| Rs. 10,08,500 Miscellaneous Works Loan ... ... ... ... | 10,08,500 | 0 | 0 | | | | | | |
| Rs. 2,48,000 Agripada House Sullage Water Connections Loan. | 2,48,000 | 0 | 0 | | | | | | |
| 35 Lakhs various Sanitary Works Loan ... ... ... | 35,00,000 | 0 | 0 | | | | | | |
| 8 Lakhs Municipal Building Loan ... ... ... ... | 8,00,000 | 0 | 0 | | | | | | |
| 4½ Lakhs Fire Brigade Quarters and Stations Loan ... ... | 54,500 | 0 | 0 | | | | | | |
| 42 Lakhs Loan for repayment of Balance of Government Consolidated Loan ... ... ... ... ... ... | 42,00,000 | 0 | 0 | | | | | | |
| 23¼ Lakhs Drainage and other Works Loan ... ... ... | 23,25,000 | 0 | 0 | | | | | | |
| 15¾ Lakhs for the construction of Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Work ... ... | 15,75,000 | 0 | 0 | | | | | | |
| 25 Lakhs Loan for Sewerage, Water and other Sanitary Works. | 25,00,000 | 0 | 0 | | | | | | |
| Loan of Rs. 20 Lakhs for Plague charges ... ... ... ... | 3,500 | 0 | 0 | | | | | | |
| 19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works | 19,25,000 | 0 | 0 | | | | | | |
| 24¾ Lakhs Loan for Sewerage and Water Works ... ... | 24,75,000 | 0 | 0 | | | | | | |
| 12¾ Lakhs Loan for certain Water Works of 1904-05 ... ... | 12,75,000 | 0 | 0 | | | | | | |
| 2nd 24¾ Lakhs Loan for certain Sewerage Works ... ... | 24,75,000 | 0 | 0 | | | | | | |
| 13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries ... ... ... ... ... ... | 13,50,000 | 0 | 0 | | | | | | |
| 15 Lakhs Loan for Street Improvements ... ... ... ... | 15,00,000 | 0 | 0 | | | | | | |
| 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City ... ... ... ... | 30,00,000 | 0 | 0 | | | | | | |
| 55 Lakhs Loan for Miscellaneous Works ... ... ... | 55,00,000 | 0 | 0 | | | | | | |
| 70 Lakhs Loan for the Reduplication of Tansa Main and other Auxiliary Works ... ... ... ... ... ... ... | 70,00,000 | 0 | 0 | | | | | | |
| 20 Lakhs Loan for Street Improvements ... ... ... ... | 20,00,000 | 0 | 0 | | | | | | |
| 43 Lakhs Loan for Drainage, Water, Roads and Miscellaneous Works ... ... ... ... ... ... ... ... | 43,00,000 | 0 | 0 | | | | | | |
| 30 Lakhs Loan for Miscellaneous Works ... ... ... ... | 30,00,000 | 0 | 0 | | | | | | |
| 40 Lakhs Loan for the construction of sanitary Buildings acquisition of lands for Street Improvements for executing Drainage, and Water Works ... ... ... ... ... | 40,00,000 | 0 | 0 | | | | | | |
| 10 Lakhs Loan for the conversion of Sanitary Works Reservoir at Clerk Road into a public park ... ... ... ... | 10,00,000 | 0 | 0 | | | | | | |
| 12 months bill Loan for levelling, metalling Private Streets. | 5,00,000 | 0 | 0 | | | | | | |
| | | | | 7,78,57,500 | 0 | 0 | | | |
| | | | | | | | 11,13,37,850 | 1 | 9 |
| Carried forward Rs. ... | | | | | | | 11,13,37,850 | 1 | 9 |

## No. 6.

## SHEET AS AT 31st MARCH 1923.

| | Face Value. | | Rs. a. p. | Rs. a. p. |
|---|---|---|---|---|
| **Block Account.—** | | | | |
| Property and Assets at original cost as per Appendix No. 8 ... ... ... ... | | | | 11,59,95,640 7 3 |
| **Unbooked Property.—** | | | | |
| Provisional figure as per valuation of 1884 pending revaluation now in progress ... | | | | 45,37,835 11 11 |
| **Land Transferred.—** | | | | |
| Bombay Improvement Trust ... ... ... ... ... ... ... ... | | | | 17,15,289 5 11 |
| **Municipal Lands and Buildings Fund :—** | | Rs. a. p. | | |
| Land purchased and buildings erected upto 31st March 1922 at cost. | | 19,58,820 6 7 | | |
| Do do. during 1922-23 ... ... ... | | 1,71,867 14 7 | | |
| | | | 21,30,688 5 2 | |
| Cost of 3 % + 3½ % Government Promissory written down to 48 % and 60 % respectively ... ... ... ... ... ... | | | 1,37,446 0 0 | |
| **Investments.—** | Face Value. | Actual Cost. | | |
| | Rs. | Rs. a. p | | |
| 5% War Loan, 1929-47 ... ... ... ... ... | 7,300= | 6,424 0 0 | | |
| 3½% Government Promissory Notes ... ... ... | 4,72,700= | 2,83,620 0 0 | | |
| 3% Do. do. ... ... ... | 800= | 384 0 0 | | |
| 6% 5 years Bonds 1926 ... ... ... ... ... | 10,64,400= | 10,75,044 0 0 | | |
| 6% Do. 1927 ... ... ... ... ... | 4,79,500= | 4,79,500 0 0 | | |
| | 20,24,700= | 18,44,972 0 0 | | |
| Cash in hand ... ... ... ... ... ... ... ... | | 193 8 7 | | |
| Current Account Deposit with different Banks ... ... | | 4,924 12 10 | | |
| Deposit at call with Tata Industrial Bank, Ltd. ... ... | | 3,00,000 0 0 | | |
| Fixed Deposit with Central Bank of India ... ... ... | | 44,000 0 0 | | |
| | | | 21,94,090 5 5 | |
| | | | | 44,62,224 10 7 |

| SINKING FUND :— | Face Value. | Actual Cost. | Cash Deposits. | | |
|---|---|---|---|---|---|
| 6% LOANS SINKING FUND DEPOSIT ACCOUNT (4% BASIS)— | Rs. a p. | Rs. a. p. | Rs. a. p. | | |
| 6 % 5 years Bonds 1926 ... | 1,76,800 0 0 | 1,76,800 0 0 | | | |
| 5½% Indian War Bonds 1923 ... .. ... | 64,500 0 0 | 66,500 0 0 | | | |
| 6½% Bombay Development Loan ... .. ... | 39,500 0 0 | 39,500 0 0 | | | |
| 6 % 5 years Bonds 1927 ... | 3,89,500 0 0 | 3,89,500 0 0 | | | |
| Total ... | 6,70,300 0 0 | 6,72,300 0 0 | 58 13 0 | 6,72,358 13 0 | |
| 5% LOANS SINKING FUND DEPOSIT ACCOUNT— | | | | | |
| 6% 5 years Bonds 1926 ... | 5,82,300 0 0 | 5,82 300 0 0 | | | |
| 5½% do. 1923 .. | 81,000 0 0 | 81,000 0 0 | | | |
| 5% Municipal Debentures. | 48,80,000 0 0 | 48,80,000 0 0 | | | |
| 5% War Loan 1929/47 .. | 9,000 0 0 | 9,000 0 0 | | | |
| 4% Municipal Debentures. | 11,38,500 0 0 | 11,38,500 0 0 | | | |
| 4% Bombay Improvement Trust Debentures ... | 25,24,500 0 0 | 25,24,500 0 0 | | | |
| 6 % 5 years Bonds, 1927. | 500 0 0 | 500 0 0 | | | |
| 4% Government Paper of the Conversion Loan of 1916-17 ... ... | 24,00,000 0 0 | 24,00,000 0 0 | | | |
| 4% Bombay Port Trust Bonds ... ... | 50,000 0 0 | 50,000 0 0 | | | |
| 5½% Indian War Bonds 1925. ... ... | 50,000 0 0 | 50,000 0 0 | | | |
| 6½% Bombay Development Loan ... ... ... | 1,33,000 0 0 | 1,38,000 0 0 | | | |
| Total ... | 1,18,48,800 0 0 | 1,18,48,800 0 0 | 161 15 10 | 1,18,48,961 15 10 | |
| 4% LOANS SINKING FUND DEPOSIT ACCOUNT (3½% BASIS)— | | | | | |
| 5% Municipal Debentures. | 1,22,500 0 0 | 1,22,500 0 0 | | | |
| 4% Municipal Debentures.... | 61,87,000 0 0 | 61,87,000 0 0 | | | |
| 4% Bombay Improvement Trust Debentures ... | 5,39,000 0 0 | 5,39,000 0 0 | | | |
| 4% Bombay Port Trust Bonds ... ... ... | 5,53,000 0 0 | 5,53,000 0 0 | | | |
| 4% Government Terminable Loan 1915-16 ... ... | 52,900 0 0 | 52,900 0 0 | | | |
| 6½% Bombay Development Loan ... ... ... | 4,81,500 0 0 | 4,81,500 0 0 | | | |
| 5½ War Bonds 1923 ... | 1,84,000 0 0 | 1,84,000 0 0 | | | |
| 5½%Indian War Bonds 1925. | 1,00,000 0 0 | 1,00,000 0 0 | | | |
| 6% 5 years Bonds 1926 ... | 6,25,200 0 0 | 6,25,200 0 0 | | | |
| Total ... | 88,45,100 0 0 | 88,45,100 0 0 | 441 2 3 | 88,45,541 2 3 | |
| | | Sinking Fund carried forward Rs. | | 2,13,66,861 15 1 | |
| | | Carried over Rs. ... | | | 12,67,10,990 3 8 |

## Appendix

## CAPITAL FUND BALANCE

| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|
| Brought over Rs. ... | .. ... | | | | | | 11,13,37,860 | 1 | 9 |
| **Bombay Improvement Trust.—** | | | | | | | | | |
| Book Value of Municipal Land at Agripada Transferred ... | ...... | | | | | | 17,15,289 | 5 | 11 |
| **Municipal Lands and Buildings Fund** ... ... | ...... | | | | | | 44,62,224 | 10 | 7 |
| **Mahim Development Scheme Fund—** | | | | | | | | | |
| Contribution from Government ... ... ... ... ... | 31,00,000 | 0 | 0 | | | | | | |
| Sale of lands and other receipts ... ... ... ... ... | 4,32,700 | 9 | 6 | | | | | | |
| Net amount of interest realized ... ... ... ... ... | 10,873 | 6 | 7 | 35,43,574 | 0 | 1 | | | |
| | | | | | | | 35,43,574 | 0 | 1 |
| **Surplus—** | | | | | | | | | |
| CAPITAL ASSETS AT ORIGINAL COST OVER LIABILITIES :— | | | | | | | | | |
| Sinking Funds on Loans ... ... ... ... ... .. | 2,68,25,304 | 11 | 5 | | | | | | |
| Loans repaid, etc. ... ... ... ... ... ... | 90,64,249* | 0 | 6 | | | | | | |
| Unbooked Property ... ... ... ... ... ... | 45,37,835 | 11 | 11 | | | | | | |
| Contributions from Special Funds ... ... ... ... ... | 8,21,231 | 0 | 3 | | | | | | |
| „ „ G. I. P Ry. ... ... ... ... ... | 3,74,000 | 0 | 0 | | | | | | |
| „ „ Port Trust ... ... ... ... ... | 1,56,500 | 0 | 0 | | | | | | |
| „ „ Government for Schools ... ... ... | 3,47,767 | 0 | 0 | | | | | | |
| „ „ Water Mains Renewal Fund ... ... | 2,11,579 | 9 | 9 | | | | | | |
| Premia on Loans ... ... ... ... ... ... ... | 2,93,848 | 11 | 11 | 4,26,42,315 | 13 | 9 | | | |
| *Deduct—* | | | | | | | | | |
| Balance of Plague Loan ... ... ... ... ... | * 3,500 | 0 | 0 | | | | | | |
| Assets written off ... ... ... Rs. 2,92,469 15 0<br>„ 28,060 0 0<br>Rs. 3,20,529 15 0 | | | | | | | | | |
| „ „ in 1919-20 ... ... „ 1,26,718 10 9 | 4,47,248 | 9 | 9 | | | | | | |
| | | | | 4,50,748 | 9 | 9 | 4,21,91,567 | 4 | 0 |
| Total Rs. ... | | | | | | | 16,32,50,505 | 6 | 4 |

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* Transferred to the General Fund, and shown as outstanding liabilities in Appendix No. 5.

M. R. TAMBE,
Acting Chief Accountant.

## **No. 6**—*concluded.*

## SHEET AS AT 31st MARCH 1923.

| | Face Value. | | | Actual Cost. | | | Cash Deposit | | | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Brought over Rs. ... | | | | | | | | | | | | | 12,67,10,990 | 3 | 8 |
| Sinking Fund brought over Rs. ... ... ... | | | | | | | | | | 2,13,66,861 | 15 | 1 | | | |
| 4 % Loans Sinking Fund Deposit Account (3 % Basis)— | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. | | | | | | |
| 6% 5 years Bonds 1926 ... | 3,08,900 | 0 | 0 | 3,08,900 | 0 | 0 | | | | | | | | | |
| 6½% Bombay Development Loan ... ... | 5,65,500 | 0 | 0 | 5,65,500 | 0 | 0 | | | | | | | | | |
| 5½% Indian War Bonds 1923... | 1,36,600 | 0 | 0 | 1,36,600 | 0 | 0 | | | | | | | | | |
| do. do. 1925... | 6,00,000 | 0 | 0 | 6,00,000 | 0 | 0 | | | | | | | | | |
| 4% Municipal Debentures | 33,45,000 | 0 | 0 | 33,45,000 | 0 | 0 | | | | | | | | | |
| 5% do. do. | 1,000 | 0 | 0 | 1,000 | 0 | 0 | | | | | | | | | |
| 5% War Loan 1929-47 ... | 15,400 | 0 | 0 | 15,400 | 0 | 0 | | | | | | | | | |
| Total ... | 49,72,400 | 0 | 0 | 49,72,400 | 0 | 0 | 159 | 12 | 8 | 49,72,559 | 12 | 8 | | | |
| 3½% Loans Sinking Fund Deposit Account— | | | | | | | | | | | | | | | |
| 6% 5 years Bonds 1926 ... | 15,900 | 0 | 0 | 15,900 | 0 | 0 | | | | | | | | | |
| 4% Bombay Improvement Trust Debentures ... | 4,11,500 | 0 | 0 | 4,08,701 | 9 | 0 | | | | | | | | | |
| 4% Municipal Debentures. | 24,500 | 0 | 0 | 24,500 | 0 | 0 | | | | | | | | | |
| 5% do. do. ... | 27,000 | 0 | 0 | 27,000 | 0 | 0 | | | | | | | | | |
| 6½% Bombay Development Loan ... ... | 9,500 | 0 | 0 | 9,500 | 0 | 0 | | | | | | | | | |
| Total ... | 4,88,400 | 0 | 0 | 4,85,601 | 9 | 0 | 281 | 6 | 8 | 4,85,882 | 15 | 8 | (a) 2,68,25,304 | 11 | 5 |
| Surplus Loan Funds— | | | | | | | | | | | | | | | |
| 5½% Bombay Development Loan Bonds ... ... | 11,000 | 0 | 0 | 11,000 | 0 | 0 | | | | | | | | | |
| 4% Municipal Debentures. | 30,00,000 | 0 | 0 | 30,00,000 | 0 | 0 | | | | | | | | | |
| 6% 5 years Bonds 1926 .. | 1,500 | 0 | 0 | 1,500 | 0 | 0 | | | | | | | | | |
| ‡Cash on Fixed Deposit ... | ...... | | | ...... | | | 19,27,245 | 14 | 11 | | | | | | |
| Deposit at call ... ... | ...... | | | ... | | | 4,66,000 | 0 | 0 | | | | | | |
| do. Current Account ... | ...... | | | ...... | | | 13,465 | 9 | 5 | | | | | | |
| Investments Sterling Exchange Account ... ... | ...... | | | ...... | | | 1,78,570 | 13 | 9 | | | | | | |
| Cash with the Imperial Bank ... ... ... | ...... | | | ...... | | | 100 | 0 | 0 | | | | | | |
| Total ... | 30,12,500 | 0 | 0 | 30,12,500 | 0 | 0 | 25,85,382 | 6 | 1 | 55,97,882 | 6 | 1 | 55,97,882 | 6 | 1 |
| Mahim Development Scheme Fund— | | | | | | | | | | | | | | | |
| Expenditure ... ... ... | ... | | | ...... | | | ...... | | | 41,16,305 | 0 | 3 | | | |
| Cash with the Imperial Bank of India ... ... | ...... | | | ...... | | | ...... | | | 23 | 0 | 11 | 41,16,328 | 1 | 2 |
| Total Rs. ... | | | | | | | | | | | | | 16,32,50,505 | 6 | 4 |

‡ Of this Rs. 48,48,696-5-1 belong to Water Works Account. *Vide* page 127.

(*a*) For Face and Market value of each kind of security held in the Sinking Funds, please see Appendix No. 6A attached.

| | Rs. | a. | p. |
|---|---|---|---|
| (*b*) Balance as per Appendix No. 7 (page 89) ... ... ... ... ... ... ... | 56,70,636 | 7 | 2 |
| *Add*—12 month's Bill Loan for levelling metalling Private Streets ... ... ... | 5,00,000 | 0 | 0 |
| Rs. ... | 61,70,636 | 7 | 2 |
| *Less*—Overdraft in respect of Mahim Development Scheme Fund (*vide* Appendix No. 4 page 74) ... ... ... ... ... ... ... ... ... | 5,72,754 | 1 | 1 |
| Balance Rs. ... | 55,97,882 | 6 | 1 |

H. B. CLAYTON,

Municipal Commissioner.

# Appendix No. 6A.

Comparison of Face, Purchase and Market Values at 31st March 1923 of the different Securities held in the Sinking Funds.

*N. B.*—Special attention is invited to para. 42 of Chief Accountant's Report.

| Name of Fund. | Particulars of Securities. | Face value. | Purchase rate. | Actual cost at Purchase rate. | | | Market rates. | Value at Market rates. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Rs. | | Rs. | a. | p. | | Rs. | a. | p. |
| 6 per cent. and 6½ per cent. Loans Sinking Fund Deposit Account. (4 per cent. Basis). | 6 per cent. 5 year Bonds, 1926 . | 1,76,800 | Par | 1,76,800 | 0 | 0 | 101⅝% | 1,79,673 | 0 | 0 |
| | 5½ „ „ Indian War Bonds, 1923. | 66,500 | „ | 66,500 | 0 | 0 | 100¼% | 66,666 | 4 | 0 |
| | 6½ per cent. Bombay Development Loan. | 39,500 | „ | 39,500 | 0 | 0 | 105½% | 41,672 | 8 | 0 |
| | 6 per cent. 5 year Bonds 1927 ... | 3,89,500 | „ | 3,89,500 | 0 | 0 | 101⅝% | 3,95,829 | 6 | 0 |
| | Total ... | 6,72,300 | | 6,72,300 | 0 | 0 | | 6,83,841 | 2 | 0 |
| 5 per cent. Loans Sinking Fund Deposit Account. | 5½ per cent. War Bonds 1923 ... | 81,000 | „ | 81,000 | 0 | 0 | 100¼% | 81,202 | 8 | 0 |
| | 5 per cent. War Loan 1929-47 ... | 9,000 | „ | 9,000 | 0 | 0 | 87½% | 7,875 | 0 | 0 |
| | 5 per cent. Municipal Debentures. | 48,80,000 | „ | 48,80,000 | 0 | 0 | 83% | 40,50,400 | 0 | 0 |
| | 4 per cent. Municipal Debentures. | 11,38,500 | „ | 11,38,500 | 0 | 0 | 71% | 8,08,335 | 0 | 0 |
| | 4 per cent. Bombay Improvement Trust Debentures. | 25,24,500 | „ | 25,24,500 | 0 | 0 | 71°/o | 17,92,395 | 0 | 0 |
| | 4 per cent. Government Paper of the Conversion Loan of 1916-17. | 24,00,000 | „ | 24,00,000 | 0 | 0 | 80% | 19,20,000 | 0 | 0 |
| | 4 per cent. Bombay Port Trust Bonds. | 50,000 | „ | 50,000 | 0 | 0 | 71°/o | 35,500 | 0 | 0 |
| | 5½ per cent. Indian War Bonds, 1925. | 50,000 | „ | 50,000 | 0 | 0 | 102¼°/o | 51,125 | 0 | 0 |
| | 6 per cent. 5 year Bonds, 1926... | 5,82,300 | „ | 5,82,300 | 0 | 0 | 101⅝% | 5,91,762 | 6 | 0 |
| | 6 „ „ „ 1927... | 500 | „ | 500 | 0 | 0 | 101⅝% | 508 | 2 | 0 |
| | 6½ per cent. Bombay Development Loan. | 1,33,000 | „ | 1,33,000 | 0 | 0 | 105½% | 1,40,315 | 0 | 0 |
| | Total Rs. ... | 1,18,48,800 | | 1,18,48,800 | 0 | 0 | | 94,79,418 | 0 | 0 |
| 4 per cent. Loans Sinking Fund Deposit Account ( 3½ per cent. Basis ). | 4 per cent. Municipal Debentures. | 61,87,000 | „ | 61,87,000 | 0 | 0 | 71% | 43,92,770 | 0 | 0 |
| | 5 „ „ ... | 1,22,500 | „ | 1,22,500 | 0 | 0 | 83% | 1,01,675 | 0 | 0 |
| | 4 per cent. Bombay Improvement Trust Debentures. | 5,39,000 | „ | 5,39,000 | 0 | 0 | 71°/o | 3,82,690 | 0 | 0 |
| | 4 per cent. Bombay Port Trust Bonds. | 5,53,000 | „ | 5,53,000 | 0 | 0 | 71°/o | 3,92,630 | 0 | 0 |
| | 4 per cent. Government Terminable Loan, 1915-16. | 52,900 | „ | 52,900 | 0 | 0 | 100°/o | 52,900 | 0 | 0 |
| | 5½ per cent. War Bonds, 1925... | 1,00,000 | „ | 1,00,000 | 0 | 0 | 102¼% | 1,02,250 | 0 | 0 |
| | Do. 1923... | 1,84,000 | „ | 1,84,000 | 0 | 0 | 100¼% | 1,84,460 | 0 | 0 |
| | 6 per cent. 5 year Bonds, 1926. | 6,25,200 | „ | 6,25,200 | 0 | 0 | 101⅝% | 6,35,359 | 8 | 0 |
| | 6½ per cent. Bombay Development Loan. | 4,81,500 | „ | 4,81,500 | 0 | 0 | 105½% | 5,07,982 | 8 | 0 |
| | Total Rs. ... | 88,45,100 | | 88,45,100 | 0 | 0 | | 67,52,717 | 0 | 0 |
| | Carried over Rs. ... | 2,13,66,200 | | 2,13,66,200 | 0 | 0 | | 1,69,15,976 | 2 | 0 |

# Appendix No. 6 A—*concluded.*

| Name of Fund. | Particulars of Securities. | Face value. | Purchase rate. | Actual cost at Purchase rate. | | | Market rates. | Value at Market rates. | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Rs. | | Rs. | a. | p. | | Rs. | a. | p. |
| | Brought forward Rs.... | 2,13,66,200 | | 2,13,66,200 | 0 | 0 | | 1,69,15,976 | 2 | 0 |
| 4 per cent. Loans Sinking Fund Deposit Account (3 per cent. Basis). | 5½ per cent. Indian War Bonds (1925). | 6,00,000 | Par | 6,00,000 | 0 | 0 | 102¼% | 6,13,500 | 0 | 0 |
| | 5½ per cent. Indian War Bonds (1923). | 1,36,600 | ,, | 1,36,600 | 0 | 0 | 100¼% | 1,36,941 | 8 | 0 |
| | 4 per cent. Municipal Debentures. | 33,45,000 | ,, | 33,45,000 | 0 | 0 | 71% | 23,74,950 | 0 | 0 |
| | 5 per cent. ,, ,, | 1,000 | ,, | 1,000 | 0 | 0 | 83% | 830 | 0 | 0 |
| | 5 ,, ,, War Loan, 1929-47... | 15,400 | ,, | 15,400 | 0 | 0 | 87½°/₀ | 13,475 | 0 | 0 |
| | 6 per cent. 5 year Bonds, 1926 ... | 3,08,900 | ,, | 3,08,900 | 0 | 0 | 101⅝°/₀ | 3,13,919 | 10 | 0 |
| | 6½ per cent. Bombay Development Loan. | 5,65,500 | ,, | 5,65,500 | 0 | 0 | 105½°/₀ | 5,96,602 | 8 | 0 |
| | Total Rs. .. | 49,72,400 | | 49,72,400 | 0 | 0 | | 40,50,218 | 10 | 0 |
| 3½ per cent. Loans Sinking Fund Deposit Account. | 4 per cent. Bombay Improvement Trust Debentures. | 2,90,200 | Par | 2,90,200 | 0 | 0 | 71 % | 2,92,165 | 0 | 0 |
| | Do ... | 500 | $101\frac{11}{16}$ per cent. | 508 | 7 | 0 | | | | |
| | Do. ... | 500 | 101⅛ ,, | 505 | 10 | 0 | | | | |
| | Do. ... | 3,600 | 101 ,, | 3,636 | 0 | 0 | | | | |
| | Do. ... | 11,500 | 100⅞ ,, | 11,600 | 13 | 0 | | | | |
| | Do. ... | 800 | 99¼ ,, | 794 | 0 | 0 | | | | |
| | Do. ... | 500 | 99⅛ ,, | 495 | 10 | 0 | | | | |
| | Do. ... | 600 | $98\frac{7}{16}$ ,, | 590 | 10 | 0 | | | | |
| | Do. ... | 4,500 | 98⅜ ,, | 4,426 | 14 | 0 | | | | |
| | Do. ... | 12,100 | 98¼ ,, | 11,888 | 4 | 0 | | | | |
| | Do. ... | 29,300 | $98\frac{3}{16}$ ,, | 28,768 | 15 | 0 | | | | |
| | Do. ... | 600 | 98⅛ ,, | 588 | 12 | 0 | | | | |
| | Do. ... | 13,700 | 97¾ ,, | 13,391 | 12 | 0 | | | | |
| | Do. ... | 700 | $97\frac{9}{16}$ ,, | 682 | 15 | 0 | | | | |
| | Do. ... | 1,100 | 97½ ,, | 1,072 | 8 | 0 | | | | |
| | Do ... | 500 | 96⅞ ,, | 484 | 6 | 0 | | | | |
| | Do. ... | 12,000 | 96½ ,, | 11,580 | 0 | 0 | | | | |
| | Do. ... | 12,700 | $96\frac{5}{16}$ ,, | 12,231 | 11 | 0 | | | | |
| | Do. ... | 700 | $96\frac{1}{16}$ ,, | 672 | 7 | 0 | | | | |
| | Do. ... | 500 | 96 ,, | 480 | 0 | 0 | | | | |
| | Do. ... | 500 | $95\frac{13}{16}$ ,, | 479 | 1 | 0 | | | | |
| | Do. .. | 500 | $95\frac{11}{16}$ ,, | 478 | 7 | 0 | | | | |
| | Do. ... | 700 | 95⅜ ,, | 667 | 10 | 0 | | | | |
| | Do. ... | 1,200 | 94¾ ,, | 1,137 | 0 | 0 | | | | |
| | Do. ... | 12,000 | 94½ ,, | 11,340 | 0 | 0 | | | | |
| | 6 per cent. 5 year Bonds 1926 .. | 15,900 | Par | 15,900 | 0 | 0 | 101⅝°/₀ | 16,158 | 6 | 0 |
| | 4 per cent. Municipal Debentures. | 24,500 | ,, | 24,500 | 0 | 0 | 71% | 17,395 | 0 | 0 |
| | 5 per cent. Do. ... | 27,000 | ,, | 27,000 | 0 | 0 | 83% | 22,410 | 0 | 0 |
| | 6½ per cent. Bombay Development Loan. | 9,500 | ,, | 9,500 | 0 | 0 | 105½% | 10,022 | 8 | 0 |
| | Total Rs. ... | 4,88,400 | | 4,85,601 | 9 | 0 | | 3,58,150 | 11 | 0 |
| | Grand Total Rs. ... | 2,68,27,000 | | 2,68,24,201 | 9 | 0 | | 2,13,24,345 | 10 | 0 |

M. R. TAMBE,
Acting Chief Accountant.

H. B. CLAYTON,
Municipal Commissioner.

## Appendix

STATEMENT showing (1) the various Municipal Loans and their Amounts, (2) the Expenditure
meet the cost of New Works, &c., and (4) Invested

| Serial No. | NAME AND DATE OF LOAN. | Amount raised. | Transferred to meet the cost of New Works provided out of savings. | Net Amount available for expenditure. | EXPENDITURE | |
|---|---|---|---|---|---|---|
| | | | | | A—Buildings, Lands and Sanitary Structures. | B—Roads and Over-bridges. |
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | | Rs. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1 | Drainage Loan of 1878 .. .. .. .. .. .. | 26,94,000 | −24,719 6 0 | 26,69,280 10 0 | .... | .... |
| 2 | Surface Drainage Works .. .. .. .. .. .. | 6,00,000 | .... | 6,00,000 0 0 | .... | .... |
| 3 | Sanitary Works Loan (44 lakhs).. .. .. .. .. | 44,00,000 | −79,492 9 2 | 43,20,507 6 10 | §§ 84,893 9 0 | 1,41,500 1 2 |
| 4 | Tansa Water Works (147 lakhs) .. .. .. .. .. | 1,47,00,000 | −4,496 1 0 | 1,46,95,503 15 0 | .... | .... |
| 5 | Sanitary Works Loan of 1887-88.. .. .. .. .. | 7,00,000 | −95,421 10 8 | 6,04,578 5 4 | .... | .... |
| 6 | Sewerage Works and Water Supply Improvement (12 lakhs) .. .. .. .. .. .. .. .. | 12,00,000 | −2,18,531 7 10 | 9,81,468 8 2 | .... | .... |
| 7 | Markets and other Miscellaneous Works (Rs. 10,08,500) .. | 10,08,500 | −2,57,299 4 8 | 7,51,200 11 4 | 4,86,906 2 8 | 69,683 6 8 |
| 8 | House Sullage Water Connections, Agripada.. .. .. | 2,48,000 | −14,466 3 2 | 2,33,533 12 10 | .... | .... |
| 9 | Various Sanitary Works (35 lakhs) .. .. .. .. | 35,00,000 | −4,09,579 7 4 | 30,90,420 8 8 | *' 5,85,193 12 2 | 14,91,224 2 9 |
| 10 | New Municipal Office Building (8 lakhs) .. .. .. | 8,00,000 | −66,939 13 0 | 7,33,060 3 0 | † 7,33,060 3 0 | .... |
| 11 | Fire Brigade Quarters and Stations (4½ lakhs) .. .. | 4,50,000 | −46,679 9 11 | 4,03,320 6 1 | 4,03,320 6 1 | .... |
| 12 | Drainage, Water Works, Roads and other Works (23¼ lakhs) .. .. .. .. .. .. .. .. | 23,25,000 | −2,77,249 3 7 | 20,47,750 12 5 | .... | 1,47,734 9 4 |
| 13 | Sewerage, Wari Bunder, &c., Roads, Burial-ground and certain Water Works (15¾ lakhs) .. .. .. | 15,75,000 | −4,32,682 5 11 | 11,42,317 10 1 | .... | ‡ 3,48,745 6 [illegible] |
| 14 | Sewerage Water and other Sanitary Works (25 lakhs) .. | 25,00,000 | −37,383 11 0 | 24,62,616 5 0 | .... | .... |
| 15 | Plague Charges (20 lakhs).. .. .. .. .. .. | 20,00,000 | .... | 20,00,000 0 0 | .... | .... |
| 16 | Sewerage, Roads and other Sanitary Works (19¼ lakhs) | 19,25,000 | −2,28,891 3 4 | 16,96,108 12 8 | .... | .... |
| 17 | Sewerage and Water Works (24¾ lakhs) .. .. . | 24,75,000 | −4,11,753 2 7 | 20,63,246 13 5 | .... | .... |
| 18 | Certain Water Works (12¾ lakhs) .. .. .. .. | 12,75,000 | −1,80,721 10 4 | 10,94,278 5 8 | .... | .... |
| 19 | Sewerage Works (2nd 24¾ lakhs).. .. .. .. .. | 24,75,000 | −2,40,266 9 9 | 22,34,733 6 3 | .... | .... |
| 20 | Construction of Quarters for Halalkhores and Bigaries (13½ lakhs) .. .. .. .. .. .. .. .. | 13,50,000 | −88,337 2 1 | 12,61,662 13 11 | 11,50,458 13 9 | .... |
| 21 | Street Improvements (15 lakhs) .. .. .. .. .. | 15,00,000 | .... | 15,00,000 0 0 | .... | 15,00,000 0 0 |
| 22 | Acquisition of sites for Overbridges (30 lakhs) .. . | 30,00,000 | −14,480 15 4 | 29,85,519 0 8 | .... | 25,35,872 6 1 |
| 23 | Miscellaneous Works (55 lakhs) . .. .. .. .. | 55,00,000 | −3,78,323 10 11 | 51,21,676 5 1 | 11,00,693 14 5 | 1,73,261 4 8 |
| 24 | Tansa Reduplication (70 lakhs).. .. .. .. .. | 70,00,000 | −9,262 15 7 | 69,90,737 0 5 | .... | .... |
| 25 | Street Improvements (20 lakhs) .. .. .. .. ... | 20,00,000 | .... | 20,00,000 0 0 | .... | 20,00,000 0 0 |
| 26 | Drainage, Water Works and Miscellaneous Works (43 lakhs) .. .. .. .. .. .. .. .. | 43,00,000 | −3,39,571 11 0 | 39,60,428 5 0 | 7,00,119 13 7 | 5,73,072 4 5 |
| 27 | Sanitary Works, Drainage and Miscellaneous Works (2nd 30 lakhs Loan) .. .. .. .. .. .. | 30,00,000 | −6,192 11 4 | 29,93,807 4 8 | 9,11,345 2 2 | 30,807 4 8 |
| 28 | Miscellaneous Works and Water Works (40 lakhs) .. .. | 40,00,000 | −27,295 13 9 | 39,72,704 2 3 | 9,38,551 13 3 | 10,75,[illegible]94 2 1 |
| 29 | Miscellaneous Works and Water Works (50 lakhs) .. | 50,00,000 | −4,729 5 11 | 49,95,270 10 1 | 11,86,917 0 2 | 6,46,190 3 8 |
| 30 | Filling in Storm Water Reservoir (10 lakhs from Turf Club) .. .. .. .. .. .. | 10,00,000 | −179 5 4 | 9,99,820 10 8 | .... | .... |
| 31 | Miscellaneous Works and Water Works (including Tansa Triplication Works 1½ crores Loan) .. .. .. | 1,50,00,000 | .... | 1,50,00,000 0 0 | 2,10,070 12 4 | 2[illegible],91,065 13 1 |
| 32 | Miscellaneous works (140 Lakhs) .. .. .. .. | 1,15,00,000 | .... | 1,15,00,000 0 0 | 34,07,434 5 11 | 17,08,325 11 4 |
| 33 | Works executed out of Savings on Loans . .. . | (a)11,10,00,500<br>.... | −38,91,947 2 6<br>.... | 10,71,05,552 13 6<br>39,21,232 2 6 | 1,18,93,064 12 6<br>6,41,539 0 6 | 1,45,52,776 12 9<br>6,38,495 7 11 |
| | Total Rs. .. | .... | .... | 11,10,26,785 0 0 | 1,25,37,603 13 0 | 1,51,9[illegible],272 4 8 |

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* Including Rs. 1,94,031-13-3 written-off in 1902-03 on account of properties not then existing.

† Excluding Rs. 7,34,326-8-3 paid out of the Invested Fund.

‡ Excluding Rs. 1,56,500-0-0 contributed by the Port Trust.

†† Including Rs. 98,438-1-9 written-off in 1902-03 on account of properties not then existing.

§ Including Rs. 20,00,000 paid on account of Plague charges.

¶ Excluding Rs. 2,40,000 paid out of the Premia received on the Loan.

*' Including Rs. 40,499-14-11 written-off in 1919-20 on account of properties not then existing

§§ Including Rs. 3,912-13-0 written-off in 1919-20 on account of properties not then existing.

M. R. TAMBE,

Acting Chief Accountant.

## No. 7.

incurred against each of them, (3) the Amounts withdrawn temporarily from their unutilized Balances to Balances of the Loans on 31st March 1923.

| ON WORKS UPTO 31ST MARCH 1923. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| C—Drainage. | D—Water Works. | E—Cemeteries (Burning and Burial-grounds). | F—Disposal of Town Sweepings. | G—Miscellaneous. | Total Amount expended on works upto 31st March 1923. | Balance unexpended on 1st April 1923. | Amount advanced to meet the cost of sanctioned New Works, for which loans are to be raised. | Balances invested. |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p | Rs. a. p. | Rs. a. p. |
| *16,52,449 12 9 | 10,16,830 13 3 | .... | .... | .... | 26,69,280 10 0 | .... | .... | .... |
| 6,00,000 0 0 | .... | .... | .... | .... | 6,00,000 0 0 | ... | .... | ...... |
| ††21,98,166 0 8 | 18,95,947 12 0 | .... | .... | .... | 43,20,507 6 10 | .... | ... | ...... |
| .... ¶ | 1,46,95,503 15 0 | .. . | .. | .. | 1,46,95,503 15 0 | .... | .... | ..... |
| 4,62,337 0 0 | 1,42,241 5 4 | .... | .... | .. . | 6,04,578 5 4 | .... | .. | ...... |
| 9,01,437 3 2 | 80,031 5 0 | .... | .. | .. . | 9,81,468 8 2 | .... | .... | ...... |
| 58,396 14 10 | 1,16,214 3 2 | .... | .... | .... | 7,51,200 11 4 | .... | .... | ...... |
| 2,33,533 12 10 | .... | .... | .... | .... | 2,33,533 12 10 | .... | .... | ..... |
| 13,864 7 3 | 7,96,731 3 6 | .... | 1,98,913 8 8 | .... | 30,85,927 2 4 | 4,493 6 4 | 4,493 6 4 | ...... |
| .... | .... | .... | .... | .... | 7,33,060 3 0 | .... | .... | ...... |
| .... | .... | .... | .... | .. | 4,08,329 6 1 | .... | .... | ...... |
| 17,44,602 15 5 | 1,49,532 5 7 | .... | 5,390 14 1 | ... | 20,47,750 12 5 | .... | .... | ...... |
| 5,69,077 1 0 | 12,842 13 10 | 2,11,652 4 5 | .... | .... | 11,42,317 10 1 | .... | .... | ...... |
| 11,25,083 14 4 | 2,04,268 6 8 | 3,49,264 0 0 | 7,84,000 0 0 | .... | 24,62,616 5 0 | .. . | . .. | ...... |
| .... | .... | .... | .... | 20,00,000 0 0 | 20,00,000 0 0 | .. | .... | ...... |
| 14,53,566 3 4 | .... | 47,680 4 4 | 50,537 5 0 | 4,946 8 6 | 15,56,730 5 2 | 1,39,378 7 6 | 1,39,378 7 6 | ...... |
| 17,16,596 0 7 | 2,54,554 8 11 | .. . | .... | .... | 19,71,150 9 6 | 92,096 3 11 | 92,096 3 11 | ...... |
| .... | 10,94,278 5 8 | .. . | .... | .... | 10,94,278 5 8 | .... | .... | ...... |
| 18,47,307 6 3 | .... | .... | .... | .... | 18,47,307 6 3 | 3,87,426 0 0 | 3,87,426 0 0 | ...... |
| .... | ... | .... | ... | .... | 11,50,458 13 9 | 1,11,204 0 2 | 1,11,204 0 2 | ...... |
| .... | ... | .... | .... | .... | 15,00,000 0 0 | .... | .... | ...... |
| .... | .... | .... | .... | . .. | 25,35,872 6 1 | 4,49,646 10 | 4,49,646 10 7 | ...... |
| 31,49,828 14 4 | 8,70,044 7 3 | 94,855 8 0 | .... | 48,303 15 9 | 49,36,988 0 5 | 1,84,688 4 8 | 1,84,688 4 8 | ...... |
| .... | 69,90,691 7 5 | .... | .... | .... | 69,90,691 7 5 | 45 9 0 | 45 9 0 | ...... |
| .... | .... | .... | .... | .. | 20,00,000 0 0 | .... | .... | ...... |
| 20,22,275 1 9 | 1,10,176 14 0 | . . | .... | 1,52,949 11 1 | 35,58,598 12 10 | 4,01,834 8 2 | 4,01,834 8 2 | ...... |
| 15,81,519 5 1 | .... | 51,500 0 0 | .... | .... | 25,75,171 11 11 | 4,18,635 8 9 | 4,18,635 8 9 | ...... |
| 8,54,974 5 3 | 9,57,849 6 6 | .... | .... | .. . | 38,21,663 11 1 | 1,51,035 7 2 | 1,51,035 7 2 | ...... |
| 9,70,716 0 11 | 4,00,000 0 0 | 58,239 8 2 | 35,985 2 0 | .... | 32,97,147 14 11 | 16,98,122 11 2 | 16,98,122 11 2 | ...... |
| .... | .... | .... | .... | 9,99,820 10 8 | 9,99,820 10 8 | .... | .. . | ...... |
| 3,75,730 1 0 | 60,88,986 1 8 | 34,821 14 8 | .... | 4,44,511 3 7 | 92,44,685 14 4 | 57,55,314 1 8 | 54,62,870 5 4 | 2,92,943 12 4 |
| 10,18,546 4 10 | .... | 46,885 14 5 | 94,500 0 0 | .... | 62,75,192 4 6 | 52,24,807 11 6 | .... | 52,24,807 11 6 |
| 2,45,50,008 13 7 | 3,53,76,715 6 9 | 8,93,899 6 0 | 11,69,826 13 9 | 36,50,532 1 7 | 9,20,86,824 2 11 | 1,50,18,729 10 7 | 95,00,977 2 9 | 55,17,751 7 10 |
| 14,78,405 1 9 | 9,91,666 11 10 | 23,278 9 6 | 38,684 2 0 | 21,781 9 11 | 38,36,850 11 5 | 84,381 7 1 | .... | 84,381 7 1 |
| 2,60,28,413 15 4 | 3,63,68,382 2 7 | 9,17,177 15 6 | 12,08,510 15 9 | 36,72,313 11 6 | 9,59,23,674 14 4 | 1,51,03,110 1 8 | ‡95,00,977 2 9 | 56,02,132 14 11 |

*Less*—Old Workshops and Stores shed (Amount realised by sale of old property) .. .. .. .. . Rs. 94,788 8 3
*Deduct*—Amount appropriated to meet expenditure on New Workshops .. .. .. .. „ 26,285 0 0 | *Cr.* 68,503 8 3 | 68,503 8 3 | .... | 68,503 8 3

Total Rs. .. 9,58,55,171 6 1 | 1,51,71,613 9 11 | ‡95,00,977 2 9 | 56,70,636 7 2

*Add*—Amount of Advances in column 14 .. 95,00,977 2 9

Grand Total .. 10,53,56,148 8 10 (*b*)

(*a*) Amount of Loans raised . .. .. .. .. .. .. Rs. 11,10,00,500 0 0

*Add*—Old Workshops savings added .. .. .. „ 26,285 0 0 — Rs. 11,10,26,785 0 0

(*b*) Amount expended .. .. .. .. .. .. .. .. .. .. „ 10,53,56,148 8 10

Invested Balance (*vide* Appendix 6, page 85) .. .. .. .. .. . Rs. 56,70,636 7 2

‡ Of this Rs. 32,67,871-3-8 belong to Water Works Account (*vide* page 127).

H. B. CLAYTON.
Municipal Commissioner.

# Appendix, No. 8.

Block Account showing details of Capital Expenditure up to 31st March 1923.

| | Capital Expenditure up to 31st March 1922. | Expended during the year. | Total Capital Expenditure up to 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| A.—BUILDINGS, LANDS AND SANITARY STRUCTURES— | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs a. p. |
| MARKETS AND SLAUGHTER HOUSES— | | | | |
| Extending and Improving the Arthur Crawford Market ... ... | 1,11,482 2 4 | 4,516 3 0 | 1,15,998 5 4 | |
| Bandra Slaughter Houses ... ... | 2,34,297 12 8 | ...... | 2,34,297 12 8 | |
| Null Bazar Market ... ... ... | 1,50,770 1 7 | ...... | 1,50,770 1 7 | |
| Fort Market ... ... ... ... | 22,066 7 11 | ...... | 22,066 7 11 | |
| Arthur Crawford Market ... ... | 11,39,410 11 6 | ...... | 11,39,410 11 6 | |
| Market at Colaba ... ... ... | * 94,393 15 11 | ...... | *94,393 15 11 | |
| Extension of Erskine Road Market ... | † 4,31,666 11 11 | ...... | †4,31,666 11 11 | |
| Extension of the Arthur Crawford Mutton Market ... ... ... | 42,754 2 9 | ...... | 42,754 2 9 | |
| Bhuleshwar Market Extension ... ... | 3,22,817 1 11 | ...... | 3,22,817 1 11 | |
| Labourers' Quarters in connection with the Arthur Crawford Market ... | 9,518 14 3 | ...... | 9,518 14 3 | |
| Provision of cold storage at Arthur Crawford Markets ... .. | 1,43,014 5 9 | 57,366 4 0 | 2,00,380 9 9 | |
| Construction of shops on the western and southern sites at the Arthur Crawford Markets, Hornby Road ... | 4,822 7 10 | ...... | 4,822 7 10 | |
| Renewing the two blocks of the Butchers' Chawl at the Bandra Slaughter Houses ... ... ... | 22,020 5 4 | ...... | 22,020 5 4 | |
| Currey Road Market .. ... ... | 15,252 5 10 | ...... | 15,252 5 10 | |
| Market at Chowpati ... ... ... | 63 0 0 | ...... | 63 0 0 | |
| Market at Elphinstone Road ... ... | 15,242 13 8 | ...... | 15,242 13 8 | |
| Constructing a Chawl of 52 rooms at the Bandra Slaughter Houses ... | 31,240 0 8 | ...... | 31,240 0 8 | |
| Market at Kamatipura ... ... ... | 50,644 11 2 | ...... | 50,644 11 2 | |
| Filling in ground at Bandra Slaughter Houses ... ... ... ... .. | 22,247 2 0 | ...... | 22 247 2 0 | |
| Carrying out improvements, constructing sheep pen and labourer's chawls, &c., at Bandra Slaughter Houses ... | 43,236 8 6 | 5,673 6 6 | 48,909 15 0 | |
| Constructing a new pork Market at Dhobi Talao ... ... ... ... | 20,890 13 4 | 399 15 2 | 21,290 12 6 | |
| Construction of a Poultry House in the Arthur Crawford Markets ... ... | 442 11 5 | 50,151 3 10 | 50,593 15 3 | |
| Construction of 30 Masonry stalls in the vegetable section of A. C. Markets. ... ... ... ... | ...... | 32 8 2 | 32 8 2 | |
| Construction of a Tea shop in the A.C. Markets ... ... ... ... | ...... | 315 13 8 | 315 13 8 | |
| Construction of a market at Gilder tank site. .. ... ... - | ...... | 186 7 9 | 186 7 9 | |
| Constructing masonry stalls and providing Electric lights at the Musjid Bunder Market ... ... ... | ...... | 6,309 7 11 | 6,309 7 11 | |
| Acquisition of land for cold storage and market at Palton Road ... | ...... | 16,27,774 0 0 | 16,27,774 0 0 | |
| | 29,28,295 8 3 | 17,52,725 6 0 | 46,81,020 14 3 | |
| FIRE BRIGADE— | | | | |
| Land and Buildings for Fire Brigade ... | 4,03,320 6 1 | ...... | 4,03,320 6 1 | |
| Construction of additional quarters for the Fire Brigade Staff at Byculla Fire Brigade Station ... ... ... | 30,995 8 8 | ...... | 30,995 8 8 | |
| Construction of an Engine House and Foreman's quarters at the Sankli Tank Fire Brigade Station ... ... | 26,552 13 0 | ...... | 26,552 13 0 | |
| Constructing additional rooms and adding a storey over several Fire Brigade Stations to provide accommodation for additional staff ... | 12,437 5 7 | ...... | 12,437 5 7 | |
| Construction of a Fire Brigade Station at Elphinstone Bridge Road ... ... | 62,608 13 5 | ...... | 62,608 13 5 | |
| Providing living and other accommodation at the Gowalia Tank Road, Babula Tank, Chinchpokli and Sankli Tank Fire Brigade Stations ... | 12,527 2 2 | ...... | 12,527 2 2 | |
| Constructing Lascars' Quarters, &c., at Gowalia Tank Fire Brigade Station... | 8,983 1 10 | ...... | 8,983 1 10 | |
| Constructing new quarters for an Engineer and ten Lascars at Sankli Tank Fire Brigade Station ... ... ... | 13,537 13 11 | ...... | 13,537 13 11 | |
| Construction of a cook-room in connection with the existing Engineer's Quarters and two nahanis in connection with the Lascars' quarters at Sankli Tank Fire Brigade Station .. | 1,382 10 3 | ...... | 1,382 10 3 | |
| Fire Brigade—Carried over Rs. ... | 5,72,345 10 11 | ...... | 5,72,345 10 11 | |
| A.—Buildings, Lands and Sanitary Structures—Carried over ... ... Rs. ... | 29,28,295 8 3 | 17,52,725 6 0 | 46,81,020 14 3 | |

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* Inclusive of Rs. 21,940 paid out of the premia received on the loan.

† Inclusive of Rs. 31,908-11-11 paid out of the premia received on the loan.

# Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922 | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| A—Buildings, Lands and Sanitary Structures—brought forward ... Rs. ... | 29,28,295 8 3 | 17,52,725 6 0 | 46,81,020 14 3 | |
| Fire Brigade—brought forward Rs. ... | 5,72,345 10 11 | ...... | 5,72,345 10 11 | |
| Construction of an additional storey over the Bhuleshwar Fire Brigade Station ... ... .. ... | 6,902 12 3 | ...... | 6,902 12 3 | |
| Acquisition of land for a new Fire Brigade Station for the Fort District. | 95,600 0 0 | ...... | 95,600 0 0 | |
| Additions to Lascars' Chawls at Fire Brigade Station, Byculla ... .. | 648 10 5 | 38,072 0 6 | 38,720 10 11 | |
| Construction of a New Fire Brigade Station. Frere Road for Dock area | ...... | 246 13 0 | 246 13 0 | |
| | 6,75,497 1 7 | 38,318 13 6 | 7,13,815 15 1 | |
| WORKSHOPS— | | | | |
| Workshop and Store shed ... ... | 5,985 0 0 | ...... | 5,985 0 0 | |
| Construction of new Municipal Workshops at Foras Road ... ... ... | 5,40,802 3 5 | 23,977 11 0 | 5,64,779 14 5 | |
| Acquisition of land for extension of Municipal Workshops at Foras Road | ...... | 3,16,640 10 8 | 3,16,640 10 8 | |
| | 5,46,787 3 5 | 3,40,618 5 8 | 8,87,405 9 1 | |
| STABLES, CHAWLS AND QUARTERS (HEALTH DEPARTMENT)— | | | | |
| Enlargement of Dhobi lines at Mahaluxmi ... ... ... ... .. | 28,499 12 3 | ...... | 28,499 12 3 | |
| Health Department stables at Bori Bunder ... ... ... ... .. | 43,677 13 3 | ...... | 43,677 13 3 | |
| Establishment charges for the above three works ... ... ... ... | 8,803 2 6 | ...... | 8,803 2 6 | |
| Health Department Bullock stables and Quarters for scavengers ... ... | 1,23,897 4 11 | ...... | 1,23,897 4 11 | |
| Chawl for halalkhores in Cursetji Suklaji Street ... ... ... .. | 88,460 8 2 | ...... | 88,460 8 2 | |
| Construction of chawls, &c., for halalkhores at Valpakhadi (Mazagon) ... | 2,31,478 6 9 | ...... | 2,31,478 6 9 | |
| Construction of semi-permanent huts for biggaries at Arthur Road ... | 28,379 0 10 | ...... | 28,379 0 10 | |
| Construction of chawls for halalkhores, &c., at Cochin Street, Fort .. ... | 56,554 5 6 | ...... | 56,554 5 6 | |
| Construction of stables for the Health Department on the Grant Road Hospital site ... ... ... .. | 47,334 4 7 | ...... | 47,334 4 7 | |
| Construction of the Sankli Tank Bullock Hospital with residential quarters for Inspector and Shalotri ... ... | 1,34,428 6 6 | ...... | 1,34,428 6 6 | |
| Construction of a stable for bullocks of Night Branch and an office at Arthur Road ... ... ... ... ... | 64,655 2 4 | ...... | 64,655 2 4 | |
| Construction of stables and chawls for B Ward at Jail Road, North... .. | 1,65,522 11 4 | ...... | 1,65,522 11 4 | |
| Construction of stables and chawls for D Ward bullocks and biggaries at Annesley Road... ... ... ... | 1,37,998 10 3 | ...... | 1,37,998 10 3 | |
| Construction of chawls for biggaries at Arthur Road ... ... | 1,22,312 3 9 | ...... | 1,22,312 3 9 | |
| Construction of a stable for E Ward, West of Kamatipura ... ... | 62,232 15 4 | ...... | 62,232 15 4 | |
| Construction of semi-permanent huts for halalkhores at Tardeo Flats ... | 1,50,347 0 5 | ...... | 1,50,347 0 5 | |
| Construction of a stable for bullocks at Mahim ... ... .. ... | 81 9 0 | ...... | 81 9 0 | |
| Acquisition of land and properties at Jail Road, North, for the construction of stables and chawls for the Health Department ... ... ... ... | 1,92,581 0 0 | ...... | 1,92,581 0 0 | |
| Construction of two additional chawls for biggaries at Chembur ... | 17,122 12 10 | ...... | 17,122 12 10 | |
| Health Department stables in F and G Wards ... ... ... ... ... | 68,120 8 2 | ...... | 68,120 8 2 | |
| Health Department biggaries' chawl at Bori Bunder ... .. ... ... | 50,058 0 7 | ...... | 50,058 0 7 | |
| Acquisition of land at Colaba as a site for quarters for Halalkhores .. ... | 4,312 15 5 | ...... | 4,312 15 5 | |
| Construction of semi-permanent quarters for halalkhores on the Foras Tank site ... ... ... ... | 39,183 6 3 | ...... | 39,183 6 3 | |
| Stables, Chawls and Quarters (Health Department)—carried over Rs. ... | 18,66,042 0 11 | ...... | 18,66,042 0 11 | |
| A—Buildings, Lands and Sanitary Structures—Carried over ... ... Rs. ... | 41,50,579 13 3 | 21,31,662 9 2 | 62,82,242 6 5 | |

## Appendix N —*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| A.—Buildings, Lands and Sanitary Structures—brought forward .. Rs. ... | 41,50,579 13 3 | 21,31,662 9 2 | 62,82,242 6 5 | |
| Stables, Chawls and Quarters Health Department)—brought forward Rs. | 18,66,042 0 11 | ...... | 18,66,042 0 11 | |
| Construction of chawls for the Health Department biggaries of F Ward ... | 4,04,444 1 10 | 41,702 9 2 | 4,46,146 11 | |
| Construction of chawls for halalkhores and biggaries at Valpakhady ... | 1,11,507 6 5 | 171 7 10 | 1,11,678 14 3 | |
| Chawls for Health Department biggaries at Paltan Road ... ... ... | 2,54,872 4 10 | 160 0 0 | 2,55,032 4 10 | |
| Construction of bullock stables and offices, &c., for the Health Department at Parbhadevi Road ... ... | 56,334 2 11 | ...... | 56,334 2 11 | |
| Construction of semi-permanent chawls at Foras Tank Site (60 rooms) ... | 51,026 15 11 | ...... | 51,026 15 11 | |
| Paving with Shahabad stone slabs the open spaces all round and between the chawls at Tardeo Flats ... ... | 16,342 0 10 | ...... | 16,342 0 10 | |
| Construction of Chawls and stables at Agripada ... ... ... ... | ...... | 137 12 0 | 137 12 0 | |
| | 27,60,569 1 8 | 42,171 13 0 | 28,02,740 14 8 | |
| SCHOOL BUILDINGS— | | | | |
| Construction of Buildings for Primary Schools in the City, 10 Lakhs Programme— | | | | |
| Preliminary Expenses ... ... | 4,744 12 10 | ...... | 4,744 12 10 | |
| Kumbharwada School ... ... ... | 1,02,667 8 10 | ...... | 1,02,667 8 10 | |
| Old Nagpada and Memonwada Schools ... .. ... ... | 31,227 7 11 | ...... | 31,227 7 11 | |
| Mazagon Road School ... .. | 37,532 5 7 | ...... | 37,532 5 7 | |
| Moreland Road School ... .. | 1,01,733 1 11 | ...... | 1,01,733 1 11 | |
| Ardeshir Dady Street School .. | 1,19,655 4 4 | ...... | 1,19,655 4 4 | |
| Dongri Street School and Mandvi Koliwada School ... .. ... | 1,26,360 0 8 | 1,61,830 9 1 | 2,88,190 9 9 | |
| Mustan Tank School ... ... .. | 27,382 15 4 | 1,31,608 9 10 | 1,58,991 9 2 | |
| School at Babula Tank ... ... | 68,124 12 9 | 2,03,280 0 5 | 2,71,404 13 2 | |
| | 6,19,428 6 2 | 4,96,719 3 4 | 11,16,147 9 6‡ | |
| Sopari Bang Road School ... ... | ...... | 2,984 4 0 | 2,984 4 0 | |
| School at Valpakhady ... ... | 80,541 7 9 | 3,237 1 8 | 83,778 9 5 | |
| | 6,99,969 13 11 | 5,02,940 9 0 | 12,02,910 6 11 | |
| MUNICIPAL OFFICE BUILDINGS— | | | | |
| Municipal Office Buildings ... | † 14,67,386 11 3 | ...... | 14,67,386 11 3 | |
| MISCELLANEOUS STRUCTURES— | | | | |
| Building a new office in Sankli Street for the use of the Assessment Department, E Ward Office, and constructing A Ward office, chowkidar's quarters and Store Room for the Streets and Buildings branch, E Ward, in Sankli Street ... ... | 22,871 7 10 | ...... | 22,871 7 10 | |
| Building a new office at Dadar for the use of the Assessment Department, F and G Ward offices, and converting the existing ward office into a godown and providing latrines for the workmen ... ... ... | 13,419 6 9 | ...... | 13,419 6 | |
| Construction of A Ward offices for the different branches of the Engineer's Department at Mint Road ... ... | 20,856 6 6 | ...... | 20,856 6 6 | |
| Purchase of about 4,030 square yards of land at the junction of Bapty Road and Falkland Road belonging to the Tramway authorities... .. ... | 1,17,034 14 6 | ...... | 1,17,034 14 6 | |
| Making alterations in the three permanent wards of the Arthur Road Hospital and in gas and other lighting arrangements in the compound wards, &c., in the Arthur Road Hospital ... ... .. ... | 21,955 10 9 | ...... | 21,955 10 9 | |
| Miscellaneous Structures—Carried over Rs. | 1,96,187 14 4 | ...... | 1,96,187 14 4 | |
| A.—Buildings, Lands and Sanitary Structures—Carried over ... Rs. ... | 90,78,505 8 1 | 26,76,774 15 2 | 1,17,55,280 7 8 | |

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‡ Against this Governments Share of contribution is Rs. 5 lakhs. The amount actually received from Government is Rs. 3,47,767.

† Inclusive of Rs. 7,34,326-8-8 paid out of the Invested Fund.

# Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | | | Expended during the year. | | | Total Capital Expenditure upto 31st March 1923. | | | GRAND TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. | |
| A.—Buildings, Lands and Sanitary Structures—brought forward Rs. .. | 90,78,505 | 8 | 1 | 26,76,774 | 15 | 2 | 1,17,55,280 | 7 | 3 | |
| Miscellaneous Structures—Brought forward Rs. ... | 1,96,137 | 14 | 4 | ...... | | | 1,96,137 | 14 | 4 | |
| Construction of 25 bathing places in the City... ... ... ... ... | 35,414 | 13 | 5 | ...... | | | 35,414 | 13 | 5 | |
| Construction of Incinerators for Refuse destruction ... ... ... ... | 71 | 7 | 7 | ...... | | | 71 | 7 | 7 | |
| Construction of new ward offices at Babula Tank for the Assessment and Health Departments ... ... .. | 48 | 6 | 0 | ...... | | | 48 | 6 | 0 | |
| Latrines at Colaba ... ... ... | 20,290 | 13 | 10 | ...... | | | 20,290 | 13 | 10 | |
| Providing latrines and urinals at different places ... ... ... | 59,432 | 10 | 3 | ...... | | | 59,432 | 10 | 3 | |
| Providing accommodation, &c., for the General Stores... ... ... ... | 38,253 | 5 | 5 | ...... | | | 38,253 | 5 | 5 | |
| Providing wooden racks in Block No. 2 of the Central Stores building at Chinchpokli ... ... ... ... | 2,495 | 5 | 4 | ...... | | | 2,495 | 5 | 4 | |
| Constructing office quarters and store-room for Streets and Buildings Branch in G Ward at DeLisle Road on the site of Foras tank ... ... | 19,391 | 14 | 9 | ...... | | | 19,391 | 14 | 9 | |
| Construction of 11 urinals on Port Trust ground near the Docks ... | 6,502 | 13 | 2 | ...... | | | 6,502 | 13 | 2 | |
| Acquisition of a plot of land at Ormiston Road from the Bombay Electric Supply and Tramways Company, Limited, for a Metal Depôt ... ... | 1,49,492 | 8 | 0 | ...... | | | 1,49,492 | 8 | 0 | |
| Acquisition of land for a stone depôt on Golanji Hill ... ... ... | 71,084 | 1 | 7 | ...... | | | 71,084 | 1 | 7 | |
| Providing bungalows for Engineers and quarters for servants and Engine Drivers at Love Grove Pumping Station ... ... ... ... ... | 16,870 | 6 | 0 | ...... | | | 16,870 | 6 | 0 | |
| Acquisition of land and buildings at Worli Hill for the purpose of quarters for the Love Grove Station Engineering staff and filling in the vacant Municipal land required for Central Stores, Infectious Diseases Hospital, &c., out of the materials therefrom ... ... . ... | 1,88,788 | 15 | 7 | ... | | | 1,88,788 | 15 | 7 | |
| Construction of King Edward VII Memorial Hospital (Municipal Share of Cost) ... ... ... ... | 11,67,858 | 10 | 6 | 6,00,845 | 1 | 7 | 17,68,703 | 12 | 1 | |
| Extension of Arthur Road Infectious Diseases Hospital ... ... .. | 1,30,989 | 0 | 11 | ...... | | | 1,30,989 | 0 | 11 | |
| Wards for Indians and Quarters for servants at Arthur Road Infections Diseases Hospital ... ... .. | ...... | | | 156 | 6 | 3 | 156 | 6 | 3 | |
| Cost of a plot of land at Clerk Road required for the use of the Road department for stacking materials, parking carts, etc. ... ... ... | 24,300 | 0 | 0 | ...... | | | 24,300 | 0 | 0 | |
| Construction of latrines and urinals in the City ... ... ... ... | 11,838 | 11 | 0 | 47,470 | 1 | 4 | 59,308 | 12 | 4 | |
| Provision of 40 washing stones and Bhatties at the Mahalaxmi Dhobi-wada ... ... .. ... ... | 26,152 | 4 | 5 | ...... | | | 26,152 | 4 | 5 | |
| Construction of additional three wards of 40 beds each at the Arthur Road Hospital ... .. ... ... ... | 71,201 | 7 | 5 | ...... | | | 71,201 | 7 | 5 | |
| Purchase of a plot of land in the Central Agripada Estate of the City Improvement Trust for building thereon the Municipal Registration Office and Dispensary for the Byculla ward ... .. ... ... | 13,207 | 2 | 0 | 37 | 8 | 0 | 13,244 | 10 | 0 | |
| Construction of a Combined Dispensary and School at Sandhurst Road including drainage and sanitary fittings (Municipal Contribution) .. | 38,562 | 13 | 8 | 97 | 3 | 0 | 38,660 | 0 | 8 | |
| Construction of quarters and offices for Inspectors, &c., staff of the Road Department in A Ward and of the Water Works Department in A, B, C, E and F Wards ... ... ... | 12,853 | 8 | 7 | ...... | | | 12,853 | 8 | 7 | |
| Filling in land behind the Arthur Road Hospital ... ... ... | 71,672 | 14 | 8 | ...... | | | 71,672 | 14 | 8 | |
| Filling in tank in front of Arthur Road Hospital... ... ... ... .. | 87,311 | 2 | 1 | ...... | | | 87,311 | 2 | 1 | |
| Miscellaneous Structures—Carried over Rs. | 24,60,223 | 2 | 6 | 6,48,606 | 4 | 2 | 31,08,829 | 6 | 8 | |
| A.—Buildings, Lands and Sanitary Structures—Carried over .. ... Rs ... | 90,78,505 | 8 | 1 | 26,76,774 | 15 | 2 | 1,17,55,280 | 7 | 3 | |

# Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. |
| A—Buildings, Lands and Sanitary Structures—Brought forward ... ... Rs. | 90,78,505 8 1 | 26,76,774 15 2 | 1,17,55,280 7 3 | |
| *Miscellaneous Structures—Brought forward* ... Rs | 24,60,223 2 6 | 6,48,606 4 2 | 31,08,829 6 8 | |
| Acquisition of Mr. Wadia's land at DeLisle Road for the extension of the Arthur Road Hospital ... .. | 1,05,220 11 8 | ...... | 1,05,220 11 8 | |
| Construction of Lightning Crushers at Carnac Road (Part) ... ... ... | 15,990 1 9 | 57,746 10 8 | 73,736 12 5 | |
| Construction of latrines and urinals and bathing places, &c., in Reay Road ... ... ... ... .. | 20,821 14 2 | 1,349 4 3 | 22,171 2 5 | |
| Filling in part of Naigaum Tank ... | 33,066 11 8 | 301 8 0 | 33,368 3 8 | |
| Electric Installation at Arthur Road Hospital (new section): ... ... | 134 6 0 | 4,341 9 5 | 4,475 15 5 | |
| Extending the Grave diggers' chawl with privies and washing places, &c. at Haines Road Hindu Cemetery .. | 16,213 1 5 | 4,087 14 9 | 20,301 0 2 | |
| Construction of new pukka chawl for the unloading staff at Deonar ... | 1 027 7 11 | 24,949 3 2 | 25,976 11 1 | |
| Destructor at Bapty Road ... ... | 640 14 5 | ...... | 640 14 5 | |
| Construction of a New Pukka chawl for unloading staff at Deonar (2nd chawl) ... ... ... ... | ...... | 253 7 3 | 253 7 3 | |
| Providing a Discharge Block at Arthur Road Hospital ... ... ... | ... .. | 29 13 8 | 29 13 8 | |
| Filling in low lying ground at DeLisle Road adjacent to Arthur Road Hospital ... .. ... ... | ... .. | 48 9 0 | 48 9 0 | |
| Construction of Registration Office and dispensary for Byculla Ward at Souter street ... ... ... ... | ...... | 277 14 8 | 277 14 8 | |
| Temporary sidings in connection with the transport of refuse to Deonar ... | ...... | 40,259 13 5 | 40,259 13 5 | |
| Providing Electric installation at the Maratha Hospital ... ... ... | ...... | 51 10 6 | 51 10 6 | |
| Constauction of caretakers quarters with sanitary fittings and providing corrugated steel poles fencing with gates around the recreation ground at Mastan Tank ... .. ... | ...... | 60 15 2 | 60 15 2 | |
| Constuction of quarters for grave diggers burning ground cleaners, report bearers and cemetery karkoons working at Tank Bunder cemetery... | ...... | 975 15 8 | 975 15 8 | |
| Construction of semi-permanent chawls for emergency gang at Babula Tank ... ... ... ... | ...... | 9,474 7 11 | 9,474 7 11 | |
| | 26,53,338 7 1 | 7,92,815 1 8 | 34,46,153 8 9 | |
| A—Buildings, Lands and Sanitary Structures—Total... ... ... Rs. ... | 1,17,31,843 15 2 | 34,69,590 0 10 | 1,52,01,434 0 0 | 1,52,01,434 0 0 |
| B—ROADS AND OVERBRIDGES— | | | | |
| OVERBRIDGES— | | | | |
| Widening Elphinstone Bridge ... ... | 30,807 4 8 | ...... | 30,807 4 8 | |
| Overbridges ... ... ... ... | 1,97,563 0 1 | ...... | 1,97,563 0 1 | |
| Falkland Road Bridge ... ... ... | 15,082 9 4 | ...... | 15,082 9 4 | |
| Wari Bunder Bridge ... .. ... | 1,32,652 0 0 | ...... | 1,52,652 0 0 | |
| Overbridge at Elphinstone Road, B. B. & G. I. P. Railways ... ... ... | 2,66,461 0 8 | 361 9 8 | 2,66,822 10 4 | |
| Overbridge at Arthur Road, G. I. P. Railway... ... ... ... ... | 1,96,754 4 7 | ... .. | 1,96,754 4 7 | |
| Overbridge at Currey Road, G. I. P. Railway... ... ... ... ... | 5,13,414 10 11 | ...... | 5,13,414 10 11 | |
| Overbridge at Clerk Road, G. I. P. Railway... ... ... ... ... | 2,48,770 10 7 | ...... | 2,48,770 10 7 | |
| Overbridge at Clerk Road, B. B. & C. I. Railway ... ... ... ... ... | 70,406 8 4 | ...... | 70,406 8 4 | |
| Overbridge at DeLisle Road ... ... | 10,69,794 6 7 | 1,00,480 11 6 | 11,70,275 2 1 | |
| Establishment, &c., charges for the above six overbridges... ... ... | 69,428 7 3 | ...... | 69,428 7 3 | |
| Nesbit Road Bridge (portion of cost)... | 49,844 8 0 | ...... | 49,844 8 0 | |
| Victoria Road Overbridge ... ... | 1,58,172 4 4 | 73,937 4 5 | 2,32,109 8 9 | |
| Rebuilding Frere Bridge: ... ... | 158 4 3 | 67,089 0 7 | 67,247 4 10 | |
| Reconstruction of Ollivant Bridge ... | ...... | 1,25,000 0 0 | 1,25,000 0 0 | |
| Reconstruction of Hancock Bridge ... | ...... | 56,000 0 0 | 56,000 0 0 | |
| | 30,19,309 15 7 | 4,22,868 10 2 | 34,42,178 9 9 | |
| B—Roads and Overbridges-Carried over Rs. | 30,19,309 15 7 | 4,22,868 10 2 | 34,42,178 9 9 | |
| Carried over Rs. ... | 1,17,31,843 15 2 | 34,69,590 0 10 | 1,52,01,434 0 0 | 1,52,01,434 0 0 |

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs ... | 1,17,31,843 15 2 | 34,69,590 0 10 | 1,52,01,434 0 0 | 1,52,01,434 0 0 |
| B—Roads and Overbridges—Brought forward Rs. .. | 30 19,309 15 7 | 4,22 868 10 2 | 34.42,178 9 9 | |
| CONSTRUCTION OF ROADS— | | | | |
| Foras Road ... ... ... ... | 1,12,418 14 10 | ...... | 1,12,418 14 10 | |
| Nowroji Hill Road ... ... ... | 57,913 3 0 | ...... | 57,913 3 0 | |
| Road from Bellasis Road across Old Race Course (including Establishment charges) ... ... ... ... | 1,41,500 1 2 | ...... | 1,41,500 1 2 | |
| Cross Road at Mahaluxmi Station from Clerk Road to Haines Road... | 19,594 4 8 | ...... | 19,594 4 8 | |
| Road through Nowroji Hill from Elphinstone Bridge to Dongri Street. | 70,089 2 0 | ...... | 70,089 2 0 | |
| Roads and Streets in Agripada and elsewhere ... ... ... .. | 14,67,006 2 10 | ...... | 14,67,006 2 10 | |
| New Road from Jakeria Bunder Road to Sewri Cemetery ... ... ... | 24,217 15 11 | ...... | 24,217 15 11 | |
| Wari Bunder Road ... ... ... | † 4,74,349 12 6 | ...... | † 4,74,349 12 6 | |
| Victoria Road Extension ... ... | 30,895 10 4 | ...... | 30,895 10 4 | |
| Construction of a new road through Cavel from Girgaum Road to Kalbadevi Road upto the Church of Lady of Health ... ... ... ... | 1,32,943 9 11 | ...... | 1,32,943 9 11 | |
| Widening of Cruickshank Road and improvement of the corner of Cruickshank and Elphinstone Roads ... | 40,317 10 9 | ...... | 40,317 10 9 | |
| Construction of a Road from the B. B. & C. I. Railway Matunga Station westward to Mahim including storm-water drains ... ... ... ... | 1,84,460 0 10 | ...... | 1,84,460 0 10 | |
| Construction of a 60 feet road along Tulsi Pipe Line from DeLisle Road to Dadar Road including storm-water drains, and other roads ... ... | 7,068 10 7 | ...... | 7,068 10 7 | |
| Widening of Queen's Road from the Church Gate Railway Station to Wodehouse Bridge ... .. ... | 37,944 9 0 | ...... | 37,944 9 0 | |
| Providing and fixing new pattern hydrants for watering and Fire Brigade purposes ... ... ... . | 50,000 0 0 | ...... | 50,000 0 0 | |
| Diversion of Arthur Road over the masonry culvert ... ... ... | 16,266 11 1 | ...... | 16,266 11 1 | |
| Construction of a road running eastwards from Lady Hardinge Road to the G. I. P. Railway new level crossing at Matunga and providing storm-water drain thereat ... ... | 76,931 11 0 | ...... | 76,931 11 0 | |
| Widening and improving Cumballa Hotel Lane and Gowalia Tank Road (Municipal contribution) ... ... | 30,928 11 0 | ...... | 30,928 11 0 | |
| Acquisition of land at different places as sites for new roads... ... ... | 9,564 15 0 | ...... | 9,564 15 0 | |
| Lowering a portion of Masjid Bunder Road ... ... ... ... | 27,517 7 4 | ...... | 27,517 7 4 | |
| Acquisition of land at Dadar ... ... | 151 0 0 | ...... | 151 0 0 | |
| Acquisition of 337·11 square yards of land from Mr. Sharifbhai Thavar for the construction of the road from Haines Road to Ripon Road... ... | 2,205 14 7 | ...... | 2,205 14 7 | |
| Acquisition of land at Maruti Lane .. | 5,433 0 0 | ...... | 5,433 0 0 | |
| Acquisition of land at Gola Lane .. | 7,038 7 0 | ...... | 7,038 7 0 | |
| Acquisition of 242·22 square yards near the Parel Station of the B. B. & C. I. Railway ... ... ... | 1,695 8 8 | ...... | 1,695 8 8 | |
| Acquisition of land at King Lane ... | 13,439 8 3 | ...... | 13,439 8 3 | |
| Do. at Fergusson Road Passage... ... ... ... .. | 1,301 7 7 | ...... | 1,301 7 7 | |
| Acquisition of land at Hamalwadi .. | 58,139 13 7 | ...... | 58,139 13 7 | |
| Do. at Clerk Road ... | 5,330 12 10 | ...... | 5,330 12 10 | |
| Do. at Piru Lane ... | 64,508 3 11 | ...... | 64,508 3 11 | |
| Do. at Goga Street ... | 20,920 13 5 | ...... | 20,920 13 5 | |
| Do. at the junction of Gun Carriage Street and Thomas Street ... ... ... ... ... | 4,357 0 0 | ...... | 4,357 0 0 | |
| Acquisition of land at Nishanpada Road ... ... ... ... ... | 610 15 3 | ...... | 610 15 3 | |
| Acquisition of land at Chunam Kiln Cross Lane ... ... ... | 573 13 5 | ...... | 573 13 5 | |
| Construction of Roads—Carried over Rs. | 31,97,635 10 3 | ...... | 31,97,635 10 3 | |
| B—Roads and Overbridges do. Rs. | 30,19,309 15 7 | 4,22,868 10 2 | 34,42 178 9 9 | |
| Carried over Rs. | 1,17,31,848 15 2 | 34,69,590 0 10 | 1,52,01,434 0 0 | 1,52,01,434 0 0 |

† Inclusive of Rs. 1,56,500 contributed by the Port Trust

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

# Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | | | Expended during the year. | | | Total Capital Expenditure upto 31st March 1923. | | | GRAND TOTAL. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| Brought forward Rs. ... | 1,17,31,843 | 15 | 2 | 34,69,590 | 0 | 10 | 1,52,01,434 | 0 | 0 | 1,52,01,434 | 0 | 0 |
| B—Roads and Overbridges—Brought forward Rs. ... | 30,19,309 | 15 | 7 | 4,22,868 | 10 | 2 | 34,42,178 | 9 | 9 | | | |
| Construction of Roads, brought forward Rs. | 31,97,635 | 10 | 3 | ...... | | | 31,97,635 | 10 | 3 | | | |
| Acquisition of land at Old Nagpada Street ... ... ... ... .. | 1,817 | 3 | 11 | ...... | | | 1,817 | 3 | 11 | | | |
| Widening and extending Nesbit Road .. | 2,64,348 | 4 | 4 | 7,823 | 3 | 10 | 2,72,171 | 8 | 2 | | | |
| Widening of Worli Road from its junction with Haines and Fergusson Roads to the Worli Channel ... | 2,08,041 | 8 | 1 | 24,869 | 7 | 3 | 2,32,910 | 15 | 4 | | | |
| Construction of a road from Mount Road through Rose Cottage Lane to Matharpakhadi ... ... ... | 45,620 | 9 | 2 | ...... | | | 45,620 | 9 | 2 | | | |
| Construction of Dadar Kumbharwada Road ... ... ... ... ... | 5,19,585 | 3 | 0 | 1,19,638 | 6 | 7 | 6,39,223 | 9 | 7 | | | |
| Widening and reconstructing Mahim Bazar Road ... ... ... ... | 3,72,525 | 9 | 1 | 135 | 5 | 6 | 3,72,660 | 14 | 7 | | | |
| Widening and improving Waudby Road | 36,673 | 8 | 11 | ...... | | | 36,673 | 8 | 11 | | | |
| Paving Frere Road with wooden blocks. | 4,049 | 6 | 10 | ...... | | | 4,049 | 6 | 10 | | | |
| Paving and bottoming roads ... .. | 6,78,045 | 6 | 6 | 4,59,928 | 5 | 7 | 11,37,973 | 12 | 1 | | | |
| Providing footpaths along Queen's Road ... ... ... ... ... | 18,371 | 0 | 10 | ...... | | | 18,371 | 0 | 10 | | | |
| Construction of new straight road from the junction of old Parbhadevi Road and the proposed Foras Road to join the widened Mahim Bazar Road ... | 2,95,739 | 9 | 6 | *Cr.* 10,573 | 11 | 3 | 2,85,165 | 14 | 3 | | | |
| Construction of a new road between Cadell Road and Hindu Burial ground ... ... ... ... ... | 1,004 | 0 | 0 | ...... | | | 1,004 | 0 | 0 | | | |
| New Footpaths ... ... ... ... | 35,341 | 3 | 8 | 39,719 | 14 | 3 | 75,061 | 1 | 11 | | | |
| Diversion of Love Grove Pumping Station road for staff quarters ... | 58,297 | 7 | 8 | 2,05,160 | 9 | 2 | 2,63,458 | 0 | 10 | | | |
| Widening and Improving Dalal Street. | *Cr.* 1,56,782 | 15 | 10 | ...... | | | *Cr.* 1,56,782 | 15 | 10 | | | |
| Golanji Hill Road ... ... ... | 8,787 | 7 | 1 | 4,00,012 | 8 | 11 | 4,08,800 | 0 | 0 | | | |
| Providing set stone pavement at Frere Road between Carnac Road and Wadi Bunder ... ... ... | 32 | 0 | 0 | 5,24 255 | 13 | 5 | 5,24,257 | 13 | 5 | | | |
| Acquision of properties for Road from Haines Road to the junction of Fergusson Road and proposed New Tulsi Pipe Line Road ... .. | ...... | | | 1,499 | 1 | 0 | 1,499 | 1 | 0 | | | |
| Providing set stone pavement—<br>(1) Along Dongri Street between Keshavji Naik's Fountain to Musjid Bridge ... ... ...<br>(2) Along Dongri Street between Bhandari Street to Carnac Road ... ... ... ... | ...... | | | 9,481 | 1 | 7 | 59,481 | 1 | 7 | | | |
| Acquisition of set-back lands at Girgaum and No. 1 Dukarwadi Lane ... | ...... | | | 17,572 | 10 | 8 | 17,572 | 10 | 8 | | | |
| | 55,89,132 | 3 | 0 | 18,49,522 | 12 | 6 | 74,38,654 | 15 | 6 | | | |
| STREET IMPROVEMENTS. | | | | | | | | | | | | |
| Street Improvements in different places. | 44,46,798 | 8 | 3 | 3,99,887 | 12 | 4 | 48,46,686 | 4 | 7 | | | |
| Special Street Improvements ... ... | 19,000 | 0 | 0 | ...... | | | 19,000 | 0 | 0 | | | |
| | 44,65,798 | 8 | 3 | 3,99,887 | 12 | 4 | 48,65,686 | 4 | 7 | | | |
| B—Roads and Overbridges—Total Rs. | 1,30,74,240 | 10 | 10 | 26,72,279 | 3 | 0 | 1,57,46,519 | 13 | 10 | 1,57,46,519 | 13 | 10 |
| C.—DRAINAGE WORKS— | | | | | | | | | | | | |
| Fort Sewers ... ... ... ... | 78,627 | 4 | 8 | ...... | | | 78,627 | 4 | 8 | | | |
| Kamatipura Drain ... ... ... | 1,91,047 | 8 | 10 | ...... | | | 1,91,047 | 8 | 10 | | | |
| Drains in Fanaswadi and Agiary Lane. | 1,852 | 12 | 3 | ...... | | | 1,852 | 12 | 3 | | | |
| Branch Sewers, Bellasis Road ... | 7,108 | 6 | 1 | ...... | | | 7,108 | 6 | 1 | | | |
| Widening Love Grove Sluices ... | 1,57,326 | 7 | 7 | ...... | | | 1,57,326 | 7 | 7 | | | |
| Culverts under the B. B. & C. I. Railway near Bellasis Road ... ... | 1,791 | 0 | 8 | ...... | | | 1,791 | 0 | 8 | | | |
| Khetwadi Survey ... ... ... | 5,599 | 10 | 0 | ...... | | | 5,599 | 10 | 0 | | | |
| Raising Level of Khetwadi Roads ... | 28,355 | 0 | 1 | ...... | | | 28,355 | 0 | 1 | | | |
| Raising private compounds in Khetwadi ... ... ... ... ... | 25,336 | 2 | 1 | ...... | | | 25,336 | 2 | 1 | | | |
| Three branch drains in Khetwadi and storm-water entrances ... ... | 31,711 | 15 | 6 | ...... | | | 31,711 | 15 | 6 | | | |
| Intercepting drain in Tardeo District and storm-water entrances ... ... | 1,69,851 | 10 | 4 | ...... | | | 1,69,851 | 10 | 4 | | | |
| Making connection between low-level sewers and new main drains... ... | 2,610 | 8 | 10 | ...... | | | 2,610 | 8 | 10 | | | |
| C—Drainage Works—Carried over Rs | 7,01,218 | 6 | 11 | ...... | | | 7,01,218 | 6 | 11 | | | |
| Carried over Rs. ... | 2,48,06,084 | 10 | 0 | 61,41,869 | 3 | 10 | 3,09,47,953 | 13 | 10 | 3,09,47,953 | 13 | 10 |

# Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs. ... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |
| C—Drainage Works, brought forward Rs. | 7,01,218 6 11 | ...... | 7,01,218 6 11 | |
| Intercepting drain from Pydhoni to Bellasis Road and storm-water entrances ... ... ... .. | 3,03,229 3 9 | ...... | 3,03,229 3 9 | |
| Enlarging old open main drain ... | 71,318 13 5 | ...... | 71,318 13 5 | |
| Laying a new 24″ main and removing old 24″ Tulsi main ... ... ... | 74,226 14 0 | ...... | 74,226 14 0 | |
| Constructing storage reservoir on the Flats and raising levels of manholes and sewers ... ... ... ... | 1,86,225 12 6 | ...... | 1,86,225 12 6 | |
| Establishment for Surface Drainage Works ... ... ... .. | 1,21,413 0 0 | ...... | 1,21,413 0 0 | |
| Contingencies do. do. ... | 63,627 6 11 | ...... | 63,627 6 11 | |
| Cleaning the Worli storm-water drain and widening the channels south of the Love Grove sluices ... ... | 79,510 9 7 | ...... | 79,510 9 7 | |
| Main sewers ... ... ... ... | 4,92,691 8 2 | ...... | 4,92,691 8 2 | |
| Pipe sewers ... ... ... ... | 3,00,746 13 1 | ...... | 3,00,746 13 1 | |
| Outfall sewer ... ... ... ... | 2,55,766 10 0 | ...... | 2,55,766 10 0 | |
| Kamatipura drainage ... ... ... | 76,471 4 6 | ...... | 76,471 4 6 | |
| Clerk Road Ovoid sewer ... ... | 39,259 5 11 | ...... | 39,259 5 11 | |
| Government Commission charges for drainage of 1878 ... ... ... | 5,211 15 9 | ...... | 5,211 15 9 | |
| Preliminary expenses in connection with the drainage of 1878 ... ... | 13,429 6 5 | ...... | 13,429 6 5 | |
| Departmental works in connection with the drainage of 1878 ... ... | 1,072 1 3 | ...... | 1,072 1 3 | |
| Compensation for land in connection with the drainage of 1878 ... ... | 18,831 11 1 | ...... | 18,831 11 1 | |
| Proportion of repairs to roads (opened for the works) in connection with the drainage of 1878 ... ... ... | 34,372 14 7 | ...... | 34,372 14 7 | |
| Miscellaneous charges in connection with the drainage of 1878 ... ... | 22,302 15 7 | ...... | 22,302 15 7 | |
| Establishment for works in connection with the drainage of 1878 ... ... | 1,45,000 0 0 | ...... | 1,45,000 0 0 | |
| Contingencies in connection with the drainage of 1878 ... ... ... | 51,167 7 9 | ...... | 51,167 7 9 | |
| Repairs to old Main Drain at Falkland Road ... ... ... ... ... | 2,093 13 5 | ...... | 2,093 13 5 | |
| House connections without privy fittings ... ... ... ... | 6,32,080 1 7 | ...... | 6,32,080 1 7 | |
| Shaft ventilators ... ... ... ... | 44,947 0 6 | ...... | 44,947 0 6 | |
| Closing storm-water openings in Frere Road sewer ... ... ... ... | 17,108 9 6 | ...... | 17,108 9 6 | |
| Queen's Road intercepting sewer ... | 1,53,969 0 0 | ...... | 1,53,969 0 0 | |
| House connection survey ... | 4,561 13 3 | ...... | 4,561 13 3 | |
| House connections, Kamatipura Drainage ... ... ... ... ... | 34,977 7 5 | ...... | 34,977 7 5 | |
| Pipe sewer from Clare Road along south portion of Haines Road and DeLisle Road ... ... ... ... | 1,14,260 0 7 | ...... | 1,14,260 0 7 | |
| Pipe sewer from Parel Workshop to Clerk Road Ovoid sewer ... ... | 65,793 9 11 | ...... | 65,793 9 11 | |
| Extension of Clerk Road Ovoid sewer to Parel Road ... ... ... | 35,569 8 0 | ...... | 35,569 8 0 | |
| Ovoid sewer across the Old Race-course. | 59,746 13 2 | ...... | 59,746 13 2 | |
| Ovoid sewer from the Crawford Market down Hornby Road to Bazar Gate and thence to the Mint.. ... | 89,401 11 9 | ...... | 89,401 11 9 | |
| Establishment charges for sanitary works of 1885-1886 ... ... ... | 1,25,178 0 0 | ...... | 1,25,178 0 0 | |
| Adjustment of the extra expenditure incurred on the Queen's Road intercepting sewer ... ... .. | 9,633 10 8 | ...... | 9,633 10 8 | |
| Fort Drainage ... ... ... ... | 3,68,422 5 9 | ...... | 3,68,422 5 9 | |
| New Works at Love Grove Pumping Station ... ... ... ... ... | 34,645 9 6 | ...... | 34,645 9 6 | |
| Construction of a side drain along Wari Bunder Road ... ... ... ... | 4,934 0 1 | ...... | 4,934 0 1 | |
| Construction of a pipe sewer in certain lanes in Khetwadi ... ... ... | 5,282 6 0 | ...... | 5,282 6 0 | |
| Establishment charges for sanitary works of 1887 to 1888... ... ... | 39,419 0 0 | ...... | 39,419 0 0 | |
| Queen's Road pipe sewer including contingencies ... ... ... ... | 6,09,998 4 2 | ...... | 6,09,998 4 2 | |
| Queen's Road house connections ... | 2,05,306 0 9 | ...... | 2,05,306 0 9 | |
| C—Drainage Works—Carried over Rs.... | 57,14,423 3 2 | ...... | 57,14,423 3 2 | |
| Carried over Rs. ... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |

# Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs. ... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |
| O—*Drainage Works*, brought forward Rs.... | 57,14,423 3 2 | ...... | 57,14,423 3 2 | |
| Establishment and contingencies for Queen's Road sewerage works ... | 86,182 14 3 | ...... | 86,182 14 3 | |
| Extension of Parel Road storm-water drains from Bellasis Road to ⅔rds the length of Ripon Road ... ... | 41,106 6 9 | ...... | 41,106 6 9 | |
| 9″ Pipe sewer along Bellasis Road, Foras Road and Gilder Street ... | 17,290 8 1 | ...... | 17,290 8 1 | |
| House sullage water connections at Agripada ... ... ... ... | 2,33,533 12 10 | ...... | 2,33,533 12 10 | |
| Sewer flushing arrangements ... ... | 13,864 7 3 | ...... | 13,864 7 3 | |
| Pumps and steam engine for the working of the Love Grove Pumping Station ... ... ... ... ... | 4,63,345 8 6 | ...... | 4,63,345 8 6 | |
| Sewerage of Colaba ... ... ... | 7,56,419 0 0 | ...... | 7,56,419 0 0 | |
| Sewerage of Umarkhadi District ... | 3,53,786 5 9 | ...... | 3,53,786 5 9 | |
| Storm-water drains in Moreland, Souter, Club and Gilder Streets ... ... | 79,644 0 2 | ...... | 79,644 0 2 | |
| Storm-water drains in different places . | 56,724 2 11 | ...... | 56,724 2 11 | |
| Storm-water drains in Connaught and Sussex Roads ... ... ... ... | 35,923 15 9 | ...... | 35,923 15 9 | |
| Miscellaneous extensions and improvements of drains ... ... ... | 33,664 6 1 | ...... | 33,664 6 1 | |
| Sewerage of the Mazagon District on gravitation system ... ... ... | 3,06,680 0 5 | ...... | 3,06,680 0 5 | |
| Sewerage of Malabar and Khamballa Hills on gravitation system .. ... | 1,31,666 0 1 | ...... | 1,31,666 0 1 | |
| Sewerage of Fergusson Road and Chinchpokli District ... ... ... | 89,829 8 5 | ...... | 89,829 8 5 | |
| Raising sewerage in Queen's Road sewer .. ... ... ... ... | 1,862 0 0 | ...... | 1,862 0 0 | |
| Sewerage of Old Race-course District on gravitation system . ... | 39,039 8 1 | ...... | 39,039 8 1 | |
| Machinery for the sewerage of Parel, the Mazagon, &c., sectional districts. | 7,35,520 6 0 | ...... | 7,35,520 6 0 | |
| Mazagon District, sectional ... ... | 3,52,785 4 2 | ...... | 3,52,785 4 2 | |
| Storm-water drain from Wellington Fountain *via* Bandstand to the Sea... | 36,778 4 2 | ...... | 36,778 4 2 | |
| Improvements in the roadside drains along Bhoiwada Cross Road and new side drains along portions of Dadar Road, &c. ... ... ... ... | 29,856 14 11 | ...... | 29,856 14 11 | |
| Surface drainage of Kamatipura ... | 83,440 9 2 | ...... | 83,440 9 2 | |
| Storm-water drain in Tardeo Road ... | 1,56,542 11 3 | ...... | 1,56,542 11 3 | |
| Low-level Channel from the Tardeo Flats to Worli Point ... ... ... | 11,83,726 0 0 | ...... | 11,83,726 0 0 | |
| Sewerage of the Fergusson Road and Chinchpokli District on the sectional system .. ... ... ... ... | 2,56,782 14 6 | ...... | 2,56,782 14 6 | |
| Sewerage of the Parel District on the sectional system ... ... ... | 4,66,272 3 7 | ...... | 4,66,272 3 7 | |
| Completion of house drainage connections in different parts of the City ... | 9,74,909 0 7 | ...... | 9,74,909 0 7 | |
| Difference in the cost of the works proposed by Mr. Santo Crimp in connection with the drainage of the lower parts of the City ... ... | 1,44,176 13 9 | ...... | 1,44,176 13 9 | |
| (17) Catchpits on pipe sewers ... ... | 26,994 14 0 | ...... | 26,994 14 0 | |
| (17) Catchpits on ovoid sewers... ... | 43,165 13 4 | ...... | 43,165 13 4 | |
| Sewerage of the Malabar Hill District, sectional ... ... ... .. | 6,39,948 0 0 | ...... | 6,39,948 0 0 | |
| Construction of a new outfall at Love Grove ... ... ... ... .. | 23,13,893 5 1 | Cr. 1,175 0 0 | 23,12,718 5 1 | |
| Sewerage of the Elphinstone Reclamation ... ... ... ... . | 2,05,999 10 11 | ...... | 2,05,999 10 11 | |
| Construction of storm-water drains in Marine Lines, from the northern end of the B. B. & C. I. Ry. Office to the junction of 1st Marine Lines ... | 13,177 10 10 | ...... | 13,177 10 10 | |
| Providing an additional Pipe Sewer and Ejector in Fergusson Road near its junction at DeLisle Road (*North*). | 70,071 10 9 | ...... | 70,071 10 9 | |
| Construction of a storm-water drain in Arthur Road from its junction with Kalachowki Road to Jacob Circle... . | 65,453 14 7 | ...... | 65,453 14 7 | |
| Extension of Low Level Channel No. 2 from DeLisle Road to Dadar Road .. | 2,84,489 3 7 | ...... | 2,84,489 3 7 | |
| O—Drainage Works—Carried over Rs. ... | 1,65,38,921 1 8 | Cr. 1,175 0 0 | 1,65,37,746 1 8 | |
| Carried over Rs. ... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |

# Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs. ... | 2,48,06,084 10 0 | 61,41,869 8 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |
| C—Drainage Works, brought forward Rs. | 1,65,38,921 1 8 | Cr. 1,175 0 0 | 1,65,37,746 1 8 | |
| Constructing a storm-water drain in Colaba Causeway between Ormiston Street and Thomas Street ... ... | 8,538 5 0 | ...... | 8,538 5 0 | |
| Construction of a storm-water drain in DeLisle Road (*North*)... .. ... | 48,396 3 3 | ...... | 48,396 3 3 | |
| Provision of Ejectors in the Colaba Sub-District ... ... ... ... | 1,08,804 6 10 | ...... | 1,08,804 6 10 | |
| Construction of a storm-water drain in DeLisle Road (*South*) ... ... ... | 15,257 13 3 | ...... | 15,257 13 3 | |
| Extending the existing storm-water drain and constructing water gullies and water tables in Mazagon Road... | 4,921 11 1 | ...... | 4,921 11 1 | |
| Constructing a storm-water drain in New Purbhadevi Road ... ... | 33,746 5 0 | ...... | 33,746 5 0 | |
| Constructing storm-water drains in Khetwadi Back Road ... ... ... | 25,650 3 11 | ...... | 25,650 3 11 | |
| Constructing a storm-water drain in Queen's Road from Wodehouse Road Bridge to Bandstand ... ... ... | 11,086 9 4 | ...... | 11,086 9 4 | |
| Constructing a storm-water drain in Mayo Road from Queen's Statue to Church Gate Street ... ... ... | 9,192 11 8 | ...... | 9,192 11 8 | |
| Constructing a storm-water drain in DeLisle Road, north of Arthur Road. | 44,502 3 0 | ...... | 44,502 3 0 | |
| Constructing a storm-water drain in Mayo Road from Church Gate Street to Bandstand ... ... ... ... | 21,182 3 3 | ...... | 21,182 3 3 | |
| Measures for relieving the surcharging of sewers ... .. ... ... | 17,11,135 3 3 | ...... | 17,11,135 3 3 | |
| Construction of a storm-water drain from the junction of Reay and Connaught Roads to the Harbour near Lakri Bunder ... ... ... | 5,56,937 3 7 | ...... | 5,56,957 3 7 | |
| Construction of a storm-water drain in DeLisle Road, south of Arthur Road. | 29,371 15 10 | ...... | 29,371 15 10 | |
| Construction of a storm-water drain in Elphinstone Road, West ... ... | 12,771 5 2 | ...... | 12,771 5 2 | |
| Construction of a storm-water drain in Ghorupdeo Road ... ... ... | 17,354 2 3 | ...... | 17.354 2 3 | |
| Construction of a storm-water drain in Mugbhat Lane ... .. ... | 8,021 15 6 | ...... | 8,021 15 6 | |
| Construction of an office for the Drainage Staff and quarters and an office for the Head Plumber at Babula Tank and providing fencing round the Drainage Chowki and metalling the yard ... ... ... ... ... | 36,681 13 11 | ...... | 36,681 13 11 | |
| Construction of two new Drainage Chowkies at Bapty Road and Churney Road ... ... ... ... | 13,083 15 6 | ...... | 13,083 15 6 | |
| Construction of a storm-water drain from the foot of Byculla Bridge to the junction of Connaught and Reay Roads ... ... ... ... ... | 3,14,019 3 9 | ...... | 3,14,019 3 9 | |
| Construction of a storm-water drain in Soparibagh Road ... ... ... | 2,12,956 7 6 | ...... | 2,12,956 7 6 | |
| Construction of a storm-water drain from the Junction of Connaught and Reay Roads to Kalachowki and Soparibagh Roads ... ... ... | 6,95,299 6 6 | ...... | 6,95,299 6 6 | |
| Slab drain 18″ × 18″ in Store Lane, Homji Street ... ... ... | 2,557 2 6 | ...... | 2,557 2 6 | |
| Pipe sewer in Currey Road ... ... | 2,595 15 5 | ...... | 2,595 15 5 | |
| Main sewerage of Parel... ... ... | 22,121 7 8 | ...... | 22,121 7 8 | |
| Arching over with brick masonry the main drain at the Arthur Road Crossing... ... ... ... ... | 15,655 0 4 | ...... | 15,655 0 4 | |
| 9″ Pipe sewer at Lalwadi ... ... | 2,087 8 2 | ...... | 2,087 8 2 | |
| Laying branch pipe sewers in the village of Parel ... ... ... | 17,527 13 11 | ...... | 17,527 13 11 | |
| Ovoiding side-drains to the north of Kalachowki Road ... ... ... | 2,600 4 3 | ...... | 2,600 4 3 | |
| Completing the storm-water drain from the top of Bazar Gate Street to the Salvation Army Hall, Hornby Road. | 14,460 2 7 | ...... | 14,460 2 7 | |
| C—Drainage Works—Carried over Rs. ... | 2,05,57,438 0 10 | Cr 1,175 0 0 | 2,05,56,263 0 10 | |
| Carried over Rs. ... | 2,48,06,084 10 0 | 61,41,869 8 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |

## Appendix No. 8—*continued*.

|  | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL |
|---|---|---|---|---|
|  | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs.... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |
| C—Drainage Works, brought forward Rs.... | 2,05,57,438 0 10 | Cr. 1,175 0 0 | 2,05,56,263 0 10 |  |
| Sewerage of Parel on the gravitation system ... ... .. ... ... | 62,081 1 5 | ...... | 62,081 1 5 |  |
| Storm-water drain in Cruickshank Road ... ... ... ... ... | 17,337 6 0 | ...... | 17,337 6 0 |  |
| Laying a 9″ pipe for the carriage of storm-water to the Sea from the eastern half of Wodehouse Road ... | 1,992 1 3 | ...... | 1,992 1 3 |  |
| Laying a 9″ pipe-line at the Parel village ... ... ... ... ... | 878 7 3 | ...... | 878 7 3 |  |
| Storm-water drains in part of Gilder Street and Foras Road from Grant Road to Falkland Road ... ... ... | 10,781 14 10 | ...... | 10,781 14 10 |  |
| Constructing a catchpit on the Mint Road sewer opposite the European General Hospital ... ... ... | 4,380 10 8 | ...... | 4,380 10 8 |  |
| Altering and ovoiding storm-water drain in Girgaum ... ... ... | 11,548 14 10 | ...... | 11,548 14 10 |  |
| Construction of a storm-water drain in Khetwadi ... ... ... .. | 52,662 2 8 | ...... | 52,662 2 8 |  |
| Draining the storm-water from the public road round the Mahaluxmi Dhobiwada ... ... ... ... | 1,156 0 3 | ...... | 1,156 0 3 |  |
| Ovoiding and regrading the open road-side drains in Umarkhadi Road ... | 3,119 0 11 | ...... | 3,119 0 11 |  |
| Converting the old Engine-house at Love Grove into an office and godown and constructing a shred-lifter chamber with 4 shred-lifters ... | 25,031 4 1 | ...... | 25,031 4 1 |  |
| Tidal flaps on flushing drains for ovoid sewers ... ... ... ... ... | 2,235 4 4 | ...... | 2,235 4 4 |  |
| Drainage arrangements at Tardeo Road. | 2,292 0 8 | ...... | 2,292 0 8 |  |
| Laying a 9″ pipe sewer in Fergusson Cross Road ... ... ... ... | 2,261 14 9 | ...... | 2,261 14 9 |  |
| Masonry drain from Girgaum Road and passing through Night-soil Depôt ... | 21,317 6 7 | ...... | 21,317 6 7 |  |
| Opening out the public water-course behind Mr. Cama's property at Parel Road ... ... ... ... ... | 3,362 6 7 | ...... | 3,362 6 7 |  |
| Laying a 12″ pipe from the emergent reservoir to manhole in Apollo Street | 3,169 7 8 | ...... | 3,169 7 8 |  |
| Ovoiding and constructing masonry side-drains in different places... ... | 17,895 11 11 | ...... | 17,895 11 11 |  |
| Ovoiding and constructing masonry side-drains on Carroll Road, north side ... ... ... ... .. | 2,711 3 3 | ...... | 2,711 3 3 |  |
| Ovoiding kutcha drain in Arthur Road as far as G. I. P. Railway Crossing... | 4,988 15 1 | ...... | 4,988 15 1 |  |
| Constructing storm-water drains and ovoiding and constructing masonry side-drains in different places .. | 20,498 10 8 | ...... | 20,493 10 8 |  |
| Automatic flush tanks on pipe sewers . | 38,434 0 10 | ...... | 38,434 0 10 |  |
| Improving side-drains, Malabar Hill ... | 7,672 13 6 | ...... | 7,672 13 6 |  |
| Storm-water drains at Fergusson Road from DeLisle Road to the water-course (3,200 feet) west of the road... | 29,964 4 9 | ...... | 29,964 4 9 |  |
| Providing and constructing masonry side-drain in Malabar Hill ... ... | 7,346 11 0 | ...... | 7,346 11 0 |  |
| Providing and constructing masonry side-drains (*a*) on Naigaum Cross Road on both sides from Vincent Road to Dadar and (*b*) east and west of Ghorupdeo Road ... ... ... | 5,239 5 6 | ...... | 5,239 5 6 |  |
| Storm-water drain running on the west of the G. I. P. Railway Dadar Station ... .. ... ... ... | 7,023 6 9 | ...... | 7,023 6 9 |  |
| Constructing quarters for workmen at Love Grove Air Compressor Station (including purchase of land and an old chawl) ... ... ... ... | 21,961 1 5 | ...... | 21,961 1 5 |  |
| Constructing additional quarters for Lascars at Love Grove ... ... | 5,477 9 6 | ...... | 5,477 9 6 |  |
| Cutting out rocky barriers in the channel at Love Grove ... ... | 116 6 0 | ...... | 116 6 0 |  |
| C—Drainage Works—Carried over Rs. ... | 2,09,52,870 13 9 | Cr. 1,175 0 0 | 2,09,51,695 13 9 |  |
| Carried over Rs. ... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs. .. | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |
| C—Drainage Works, brought forward Rs ... | 2,09,52,870 13 9 | Cr. 1,175 0 0 | 2,09,51,695 13 9 | |
| Surface Drainage in Queen's Road between the level-crossing and Charni Road ... ... ... ... | 2,807 15 0 | ...... | 2,807 15 0 | |
| Ovoiding and regrading the side-drain in Imamwada from Parel Road to Jail Road, North ... ... ... | 2,089 3 10 | ...... | 2,089 3 10 | |
| Masonry storm-water drain 18″ × 18″ in Apollo Street ... ... ... | 1,888 15 9 | ...... | 1,888 15 9 | |
| Open ovoid drain on the east side of DeLisle Road ... .. ... ... | 1,567 14 10 | ...... | 1,567 14 10 | |
| Zinc ventshafts on pipe sewers in the Fort Sewerage District ... ... | 11,165 8 9 | ...... | 11,165 8 9 | |
| Storm-water drain in Sankli Street ... | 11,529 15 8 | ...... | 11,529 15 8 | |
| Cost of obtaining advice from Mr. Santo Crimp, in regard to house connections, &c. ... ... ... | 11,992 9 10 | ...... | 11,992 9 10 | |
| Construction of permanent manholes over drains ... ... ... ... | 37,050 5 7 | ...... | 37,050 5 7 | |
| Masonry side-drains at Malabar Hill from Gowalia Tank Road to the Government House .. .. ... | 7,805 4 2 | ...... | 7,805 4 2 | |
| Tidal flaps on the ovoid sewers ... | 11,025 14 0 | ...... | 11,025 14 0 | |
| Construction of a coal shed, a coal tramway, and fence round the compound of the Love Grove Air Compressor Station ... ... ... | 11,211 10 9 | ...... | 11,211 10 9 | |
| 6″ Pipe Drain in DeLisle Road .. | 430 10 7 | ...... | 430 10 7 | |
| 6″ Pipe Drain in Banganga Cross Lane. | 824 15 8 | ...... | 824 15 8 | |
| Extension of the 15″ sealed sewage main in Fergusson Road from the Culvert to Worli Road ... ... | 11,466 8 10 | ...... | 11,466 8 10 | |
| Laying a 6″ pipe-drain in Tulsirampada in Parel Chawl Road ... ... .. | 1,051 12 0 | ...... | 1,051 12 0 | |
| Laying a 6″ pipe drain in the private passage known as Kalachowki Cross Lane ... ... ... ... ... | 602 14 7 | ...... | 602 14 7 | |
| 6″ Pipe drain in the passage to the north of Parel Cross Lane ... ... | 472 10 3 | ...... | 472 10 3 | |
| Connecting certain properties in Gilder Street with the new storm-water drain constructed thereat ... ... | 1,496 13 1 | ...... | 1,496 13 1 | |
| Laying a 9″ stoneware pipe drain in a portion of Foras Road, west of Carroll Road ... .. ... ... | 1,365 13 11 | ...... | 1,365 13 11 | |
| Laying a 6″ pipe drain in the passage belonging to Sulleman Jusab at Belvedere Hill Road ... ... ... | 647 8 2 | ...... | 647 8 2 | |
| Laying a 6″ pipe drain in Bapty Road . | 486 15 2 | ...... | 486 15 2 | |
| Laying a 9″ pipe drain at Tank Bunder Koliwada .. ... ... ... | 2,042 13 3 | ...... | 2,042 13 3 | |
| Construction of a catchpit on the Queen's Road ovoid sewer in Charni Road, &c. ... ... ... ... | 6,202 0 4 | ...... | 6,202 0 4 | |
| Laying a drain at Mr. Tribhowandas Varjivandas' Oart at Girgaum Back Road ... ... ... ... ... | 254 18 2 | ...... | 254 13 2 | |
| Storm-water drain in Ripon Road from Agripada drain to Jacob Circle ... | 27,086 12 11 | ...... | 27,086 12 11 | |
| Storm-water drain in Clerk Road from Parel Road to Jacob Circle... ... | 26,900 9 11 | ...... | 26,900 9 11 | |
| Storm-water drain in Haines Road from Khatao Makanji's Mill to Jacob Circle ... ... ... ... ... | 48,844 13 3 | ...... | 48,844 13 3 | |
| Laying a branch 6″ pipe sewer at De Lisle Road ... ... ... ... | 761 3 7 | ...... | 761 3 7 | |
| Laying a 6″ pipe drain at Ghorupdeo Road ... .. ... ... ... | 404 6 3 | ...... | 404 6 3 | |
| Laying a 9″ pipe sewer along Elphinstone Road at its Junction with Parbhadevi Road ... ... ... | 1,112 5 3 | ...... | 1,112 5 3 | |
| Laying a 9″ pipe drain with Inspection Chamber at the passage running through Chamarbag properties .. | 3,938 8 10 | ...... | 3,938 8 10 | |
| Laying a 6″ pipe drain on the Tulsi main road ... ... ... ... | 1,000 9 1 | ...... | 1,000 9 1 | |
| C—Drainage Works—Carried over Rs. ... | 2,12,00,401 14 0 | Cr. 1,175 0 0 | 2,11,99,226 14 0 | |
| Carried over Rs ... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |

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## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs. .. | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |
| C—Drainage Works, brought forward Rs. | 2,12,00,401 14 0 | Cr. 1,175 0 0 | 2,11,99,226 14 0 | |
| Laying a 6″ pipe drain at Ghorupdeo Road, 1st Cross Lane ... ... ... | 360 14 10 | ...... | 360 14 10 | |
| Constructing a storm-water drain at Kalachowki Road ... ... ... | 789 2 3 | ...... | 789 2 3 | |
| Laying a 6″ pipe drain along Chamarbag properties in Parel Road ... | 1,166 0 8 | ...... | 1,166 0 8 | |
| Laying a pipe sewer between Forjett Street and Tardeo Road ... ... | 2,409 10 2 | ...... | 2,409 10 2 | |
| Fees to Mr. Midgley Taylor on account of his report on the Ejector, &c., required for Section 1 District ... | 1,961 1 4 | ...... | 1,961 1 4 | |
| Establishment for the preparation of plans and estimates for the sewerage of Mazagon, Parel and Old Race Course Districts ... ... ... | 10,338 0 0 | ...... | 10,338 0 0 | |
| Tracing the plans and sections of the Parel, Mazgaon and Old Race Course Districts ... ... ... ... ... | 658 15 0 | ...... | 658 15 0 | |
| Fees to Messrs. Midgley Taylor and G. R. Strachan for their opinion on matters connected with the surcharging of sewers ... ... ... | 16,796 13 4 | ...... | 16,796 13 4 | |
| Expenses incurred by Mr. James in connection with inquiries in regard to Lierner system, &c. ... | 1,634 3 0 | ...... | 1,634 3 0 | |
| Construction of a storm-water drain in Church Gate Street from its junction with Mayo Road to the main storm-water drain in Queen's Road near the Church Gate Street ... | 4,033 9 5 | ...... | 4,033 9 5 | |
| Laying a 6″ pipe sewer in the passage opening to Portuguese Church Road ... ... ... ... ... | 227 4 3 | ...... | 227 4 3 | |
| Laying a 6″ pipe drain at Madanpura... | 346 4 2 | ...... | 346 4 2 | |
| Extension of the 15″ sealed sewage main from the Chinchpokli Fire Brigade Station to the head manhole on Clerk Road sewer ... ... ... | 12,408 4 9 | ...... | 12,408 4 9 | |
| Constructing a storm-water drain in Colaba Causeway between Mayo Road and Thomas Street ... ... | 8,973 9 11 | ...... | 8,973 9 11 | |
| Preparation of certain models for improvement of main sewers, &c. ... | 200 0 0 | ...... | 200 0 0 | |
| Laying 6″ pipe drain in the passage behind the New Building of Mr. Hormusji Vakil ... ... ... | 5,226 13 4 | ...... | 5,226 13 4 | |
| Laying a 6″ pipe drain in the passage leading to the Hon'ble Mr. Setalvad's Bungalow ... ... ... ... | 1,244 3 6 | ...... | 1,244 3 6 | |
| Laying a 6″ pipe drain in the Nepean Sea Road ... ... ... ... | 1,243 11 7 | ...... | 1,243 11 7 | |
| Laying a 9″ pipe drain at Elphinstone Road ... ... ... ... ... | 6,761 10 9 | ...... | 6,761 10 9 | |
| Extending the existing 6″ pipe drain in the passage off Dadar and Kumbharwada Cross Lane ... ... | 33 7 10 | ...... | 33 7 10 | |
| Laying a 6″ pipe drain in the passage at Currey Road ... ... ... ... | 471 10 2 | ...... | 471 10 2 | |
| Laying a 9″ pipe drain in the passage leading to Government Gate Road, Parel ... ... ... ... ... | 2,139 0 6 | ...... | 2,139 0 6 | |
| Laying a 4″ C. I. pipe drain from DeLisle Road to the boundary of the Century Mill premises ... .. | 4,816 0 10 | ...... | 4,816 0 10 | |
| Providing an additional pipe sewer and Ejector in Fergusson Road near its junction at DeLisle Road (North).. | 8,000 0 0 | ...... | 8,000 0 0 | |
| Laying a 6″ pipe sewer in the passage near the Lunatic Asylum, Colaba ... | 1,364 5 4 | ...... | 1,364 5 4 | |
| Laying a branch drain in the passage off Mount Pleasant Road ... ... | 727 10 6 | ...... | 727 10 6 | |
| C—Drainage Works—Carried over Rs ... | 2,12,94,734 5 5 | Cr. 1,175 0 0 | 2,12,93,559 5 5 | |
| Carried over Rs. ... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs. ... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |
| C—Drainage Works, brought forward Rs... | 2,12,94,734 5 5 | Cr. 1,175 0 0 | 2,12,93,559 5 5 | |
| Laying a 6″ pipe sewer at Banganga Tank Lane ... ... ... ... | 929 8 9 | ...... | 929 8 9 | |
| Laying a 7″ pipe drain on the eastern boundary of the Babula Tank ... | 1,321 9 2 | ...... | 1,321 9 2 | |
| Laying a 6″ pipe drain in Gowalia Tank Road .. ... ... ... ... ... | 387 11 9 | ...... | 387 11 9 | |
| Laying a 6″ pipe drain at Victoria Bunder Road ... ... ... ... | 367 11 6 | ...... | 367 11 6 | |
| Laying a 9″ pipe drain in Kamatipura 9th Street ... ... ... ... | 562 1 2 | ...... | 562 1 2 | |
| Laying a 6″ pipe drain in the lane behind No. 49-51, Warden Road ... | 1,610 10 10 | ...... | 1,610 10 10 | |
| Giving street connections to storm-water drains in the City ... ... | 46,741 11 6 | ...... | 46,741 11 6 | |
| Laying a 6″ pipe drain at Warden and Tardeo Roads ... .. ... ... | 480 3 6 | ...... | 480 3 6 | |
| Laying a 6″ pipe sewer in the compound of premises No. 14-20 to the east of Cumballa Hotel Lane ... | 615 3 7 | ...... | 615 3 7 | |
| Laying a 6″ pipe drain in the passage leading to Khed Tank in the north of Elphinstone Road ... ... ... | 1,027 11 3 | ...... | 1,027 11 3 | |
| Laying a 6″ pipe drain in the passage to the east of Cumballa Hotel Lane. | 834 6 2 | ...... | 834 6 2 | |
| Laying a 6″ pipe drain at Nepean Sea Road ... ... ... ... ... | 978 13 7 | ...... | 978 13 7 | |
| Colaba Sewerage Work ... ... ... | 44,836 14 11 | ...... | 44,836 14 11 | |
| Sewerage of the Malabar Hill District | 7,394 12 2 | ...... | 7,394 12 2 | |
| Laying a 4″ air main in Victoria Extension Road from the junction of Victoria Road and Mount Road to Ejector Station No. 2, Mazgaon in place of the existing 2½″ C. I. main | 4,320 0 2 | ...... | 4,320 0 2 | |
| Construction of a sealed sewage main from the Elphinstone Road Ejector Station to Worli Road ... ... | 68,326 11 1 | ...... | 68,326 11 1 | |
| Constructing a masonry drain with four manholes and eight half-sized water entrances at DeLisle Road ... | 6,351 8 10 | ...... | 6,351 8 10 | |
| Filling in the open side drains on both the sides and providing covered storm-water drains with water tables and water gullies in portions of 1st to 5th Khetwadi Lanes and Main Roads ... ... ... ... ... | 7,431 11 8 | ...... | 7,431 11 8 | |
| Filling in old side drains and providing a covered drain with manholes, full-sized and half-sized water entrances, with water tables on 14th Khetwadi Lane... ... ... ... | 3,104 6 3 | ...... | 3,104 6 3 | |
| Providing storm-water drain with water entrances and water tables at 11th Khetwadi Lane ... ... ... | 3,184 12 1 | ...... | 3,184 12 1 | |
| Constructing a road-side drain and providing a covered storm-water drain at Girgaum Back Road ... | 12,952 13 9 | ...... | 12,952 13 9 | |
| Laying a 6″ pipe drain on the West of Dadar Road ... ... ... ... | 258 10 8 | ...... | 258 10 8 | |
| Laying a 9″ pipe sewer between Charni Road and Khetwadi 11th Lane ... | 1,639 3 1 | ...... | 1,639 3 1 | |
| Making three drainage connections to the storm-water drain in Hornby Road ... ... ... ... ... | 238 0 10 | ...... | 238 0 10 | |
| Surface drainage of Dadar and Naigaum Roads ... ... ... ... | 22,810 14 4 | ...... | 22,810 14 4 | |
| Providing new pattern storm-water entrances with cast-iron grating and frames ... ... ... ... ... | 56,073 15 5 | ...... | 56,073 15 5 | |
| Subsidiary works at the Love Grove New Pumping Station in connection with the measures for relieving the surcharging of sewers ... ... | 1,00,456 5 7 | ...... | 1,00,456 5 7 | |
| C—Drainage Works—Carried over Rs. ... | 2,16,89,972 9 0 | Cr. 1,175 0 0 | 2,16,88,797 9 0 | |
| Carried over Rs. ... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | | | Expended during the year. | | | Total Capital Expenditure upto 31st March 1923. | | | GRAND TOTAL. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| Brought forward Rs. ... | 2,48,06,084 | 10 | 0 | 61,41,869 | 3 | 10 | 3,09,47,953 | 13 | 10 | 3,09,47,953 | 13 | 10 |
| C—Drainage Works—Brought forward Rs. | 2,16,89,972 | 9 | 0 | Cr. 1,175 | 0 | 0 | 2,16,88,797 | 9 | 0 | | | |
| Laying a 15″ pipe sewer from the Wellington Fountain to the head manhole of the Mint Road. ovoid sewer ... ... ... ... ... | 26,707 | 6 | 10 | ...... | | | 26,707 | 6 | 10 | | | |
| Additions to and enlargement of existing sewers in connection with the duplication of Tansa main ... ... | 10,71,319 | 6 | 11 | ...... | | | 10,71,319 | 6 | 11 | | | |
| Sewerage of the north of the Island ... | 5,97,257 | 9 | 10 | 74,847 | 13 | 5 | 6,72,105 | 7 | 3 | | | |
| Laying a 12″ & 9″ stoneware pipe sewer in a passage off Elphinstone Road in the locality known as "Saitan Chauki" near Khed Tank ... | 22,466 | 15 | 6 | ...... | | | 22,466 | 15 | 6 | | | |
| Provision of a 9″ pipe sewer in a portion of Mahim District, a septic tank near the foreshore at Mori Road, Mahim, and a hopper near the foreshore at Mori Road ... ... | 44,492 | 7 | 6 | ...... | | | 44,492 | 7 | 6 | | | |
| Constructing a storm-water drain 2′ × 2′ with water entrances in Waudby Road and Napier Road from Ravelin Street to Hornby Road ... ... | 21,879 | 14 | 0 | ...... | | | 21,879 | 14 | 0 | | | |
| Providing a 2′ × 2′ storm-water drain with half-sized water entrances and water tables at Currey Road... ... | 23,738 | 7 | 3 | ...... | | | 23,738 | 7 | 3 | | | |
| Regrading and covering the old drain from Foras Road to Falkland Road drain and constructing a storm-water drain 2′ × 2′ in Annesley Road ... | 30,316 | 11 | 8 | ...... | | | 30.316 | 11 | 8 | | | |
| Providing a 4′ circular storm-water drain in Parel Road from Chinchpokli Road to Connaught Road ... | 58,886 | 8 | 0 | ...... | | | 58,886 | 8 | 0 | | | |
| Providing a storm-water drain in Victoria Road from Mount Road to the east end of the Sassoon Compound. | 17,384 | 1 | 8 | ...... | | | 17,384 | 1 | 8 | | | |
| Constructing a storm-water drain in Kalachowki Road and Parel Road .. | 36,453 | 5 | 8 | ...... | | | 36,453 | 5 | 8 | | | |
| Laying a 6″ pipe drain in a passage near Saitan Chowky at Khed Tank. | 3,020 | 9 | 8 | ...... | | | 3,020 | 9 | 8 | | | |
| Victoria Garden's Drainage Works for stopping the breeding of Mosquitoes. | 18,715 | 7 | 4 | ...... | | | 18,715 | 7 | 4 | | | |
| Constructing storm-water drain 2′ × 2′ × 6″ in Thakurdwar Road between Queen's Road and Girgaum Road ... | 17,389 | 7 | 3 | ...... | | | 17,389 | 7 | 3 | | | |
| Providing a covered storm-water drain in Girgaum Road from New Wadi to Thakurdwar Road ... ... ... | 21,829 | 2 | 7 | ...... | | | 21,829 | 2 | 7 | | | |
| Payment to Mr. G. Midgley Taylor for his advice on the following drainage schemes :— | | | | | | | | | | | | |
| (1) New Storm-water Outfall at Worli together with pumping arrangements ... ... ... | 3,142 | 12 | 1 | ...... | | | 3,142 | 12 | 1 | | | |
| (2) Additional Pumping Machinery at Love Grove Pumping Station on account of the duplication of the Tansa Main. | 1,787 | 11 | 2 | ...... | | | 1,787 | 11 | 2 | | | |
| (3) Initial advice on the question of a Storm-water Outfall at Worli ... ... ... ... | 3,929 | 13 | 2 | ...... | | | 3,929 | 13 | 2 | | | |
| Constructing a 2′ × 2′ storm-water covered masonry drain in Gowalia Tank Road ... ... ... ... | 16,431 | 10 | 6 | ...... | | | 16,431 | 10 | 6 | | | |
| Constructing a storm-water covered masonry drain in a portion of Gibb's Road, Pedder Road, Hughes Road and Babulnath Road ... ... ... | 11,380 | 0 | 3 | ...... | | | 11,380 | 0 | 3 | | | |
| Constructing a 1′-6″ × 1′-6″ storm-water covered masonry drain in Dammar Lane and 2′ × 2′ drains in French Road ... ... ... ... ... | 13,931 | 9 | 3 | ...... | | | 13,931 | 9 | 3 | | | |
| Providing a 6″ pipe drain in the common house gully between Nizampura Street and Musjid Street ... ... | 6,271 | 14 | 7 | ...... | | | 6,271 | 14 | 7 | | | |
| Providing 2′ × 2′ storm-water drain with half sized water entrances and water tables at Gamdevi Road ... | 20,219 | 0 | 2 | ...... | | | 20,219 | 0 | 2 | | | |
| Providing storm-water drain 2′ × 2′ and 2′-6″ × 2′-6″ in Worli Road from its junction with Cleveland Road to a distance of 2,550 feet southwards ... | 32,317 | 4 | 4 | ...... | | | 32,317 | 4 | 4 | | | |
| C—Drainage Works—Carried over Rs... | 2,38,11,241 | 14 | 2 | 73,672 | 13 | 5 | 2,38,84,914 | 11 | 7 | | | |
| Carried over Rs. ... | 2,48,06,084 | 10 | 0 | 61,41,869 | 3 | 10 | 3,09,47,953 | 13 | 10 | 3,09,47,953 | 13 | 10 |

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs.... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |
| C—Drainage Works—Brought forward Rs. | 2,38,11,241 14 2 | 73,672 13 5 | 2,38,84,914 11 7 | |
| Providing 2′×2′ storm-water drain with half-sized water gullies and water tables in Chaupati Road ... | 18,732 1 2 | ... .. | 18,732 1 2 | |
| Providing a storm-water drain in Victoria Road from Mount Road to Reay Road ... ... ... ... | 24,671 12 1 | ...... | 24,671 12 1 | |
| Construction of storm-water drain in Mount Road from Love Lane to Victoria Road ... ... ... .. | 38,607 15 1 | ...... | 38,607 15 1 | |
| Providing a 3′ circular storm-water drain in Fergusson Road between the culvert on the Low Level Channel and its junction with Haines Road .. | 63,066 7 5 | ...... | 63,066 7 5 | |
| Providing a covered masonry storm-water drain from Culvert No. 9 (north of the Mahaluxmi Railway Station) to—<br>(*a*) storm-water drain in Haines Road and<br>(*b*) a distance of 2,620 feet northwards in the line of the water course east of the B. B. and C. I. Railway lines ... ... | 77,129 5 5 | 31 7 5 | 77,160 12 10 | |
| Covering the open storm-water drain at Parel Cross Road from Kalachauki Road to Arthur Road... ... ... | 20,773 15 10 | ...... | 20,773 15 10 | |
| Providing storm-water drains in Girgaum Road, Charni Road and Queen's Road and filling in side drains ... | 50,717 13 6 | ...... | 50,717 13 6 | |
| Providing storm-water drains and gas lamps in Old Hanuman 1st and 2nd Cross Lanes ... ... ... ... | 13,303 13 5 | ...... | 13,303 13 5 | |
| Construction of a large size storm-water drain on the portion of the eastern avenue between Elphinstone and Naigaum Cross Roads near Vincent Road ... ... ... ... | 54,500 8 8 | ...... | 54,500 8 8 | |
| Providing storm-water drain between Girgaum Back Road and Paper Mill Lane to Girgaum Back Road and Proctor Road ... ... ... ... | 9,855 15 7 | ...... | 9,855 15 7 | |
| Providing chambers over storm-water drain at Chukla Street ... ... | 18,283 10 3 | ...... | 18,283 10 3 | |
| Providing a storm-water drain in Tulsi Pipe Line ground from Dadar Station to Mahim Bay ... ... | 7,32,591 4 0 | 1,138 13 0 | 7,33,730 1 0 | |
| Providing a storm-water covered masonry drain in a portion of Khetwady Main Road ... ... ... | 12,286 3 9 | ... . | 12,286 3 9 | |
| Construction of a storm-water drain in Khetwady 10th Lane ... ... ... | 9,401 14 8 | ... .. | 9,401 14 8 | |
| Construction of a storm-water drain in Khetwadi 13th Lane .. ... | 7,581 0 4 | ...... | 7,581 0 4 | |
| Installation of a temporary Air Compressor Station at Bhandarwada ... | 22,400 8 4 | 1,034 0 0 | 23,434 8 4 | |
| Providing a storm-water drain from water course No. 37 to the existing storm-water circular drain at the junction of Arthur Road and Lamington Road ... ... ... ... | 11,012 0 3 | ...... | 11,012 0 3 | |
| Providing a circular storm-water drain in Warden Road from its junction with Pedder Road to its junction with Hornby Villard ... | 71,497 1 9 | ... .. | 71,497 1 9 | |
| Providing a storm-water drain in Pedder Road ... ... .. ... | 98,179 3 3 | ...... | 98,179 3 3 | |
| Providing a storm-water drain in Naigaum Cross Road ... ... ... | 1,22,700 2 8 | ...... | 1,22,700 2 8 | |
| Providing a storm-water drain in Dadar Road ... ... ... ... | 57,735 10 0 | ...... | 57,735 10 0 | |
| Providing a storm-water drain at the Bomanji Petit Road ... ... ... | 25,748 14 10 | ...... | 25,748 14 10 | |
| Providing a circular storm-water drain in Parel Tank Road from the junction of roadway leading to Mr. Dabholkar's bungalow to the proposed Elphinstone Sewree Road ... | 48,271 10 9 | ...... | 48,271 10 9 | |
| C—Drainage Works—Carried over Rs. .. | 2,54,20,290 15 2 | 75,877 1 10 | 2,54,96,168 1 0 | |
| Carried over Rs. ... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3,09,47,953 13 10 | 3,09,47,953 13 10 |

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | | | Expended during the year. | | | Total Capital Expenditure upto 31st March 1923. | | | GRAND TOTAL. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| Brought forward Rs. ... | 2,48,06,084 | 10 | 0 | 61,41,869 | 3 | 10 | 3,09,47,953 | 13 | 10 | 3,09,47,953 | 13 | 10 |
| C—Drainage—Brought forward Rs. ... | 2,54,20,290 | 15 | 2 | 7,877 | 1 | 10 | 2,54,96,168 | 1 | 0 | | | |
| Diverting a pipe sewer and a storm-water drain coming in the way of widening Frere Bridge (Municipal share) ... ... ... ... ... | 9,297 | 15 | 8 | ...... | | | 9,297 | 15 | 8 | | | |
| Providing a covered masonry storm-water drain at Mahim, Fort Road . | 489 | 8 | 8 | 8,659 | 4 | 8 | 9,148 | 13 | 4 | | | |
| Providing a masonry covered drain with water entrances and water tables in Kumbharwada Street between Durgadevi and Grant Road. | 36 | 14 | 8 | 13,786 | 12 | 11 | 13,823 | 11 | 7 | | | |
| Providing a storm-water drain and filling in the open road side drain in Kumbharwada Road between Durgadevi Road and Sandhurst Road ... | 36 | 14 | 8 | 13,304 | 0 | 0 | 13,340 | 14 | 8 | | | |
| Providing storm-water drains in a portion of Ghorupdeo Road, Albert Road and Port Trust new Road . | 48 | 10 | 8 | 65,606 | 3 | 0 | 65,654 | 13 | 8 | | | |
| Constructing a storm water covered drain from French Bridge Low Level Road and connecting it to the existing drain at the junction of Dammer Lane and French Road ... | 11,630 | 5 | 3 | ...... | | | 11,630 | 5 | 3 | | | |
| Providing water entrances in Bellasis Road between Lamington Road and Ripon Road ... ... ... ... | 57 | 15 | 6 | 11,736 | 7 | 4 | 11,794 | 6 | 10 | | | |
| Constructing storm-water drains in Old Purbhadevi Road and the new road with an out-fall into the Mahim Bay ... ... ... ... | 48 | 0 | 4 | ...... | | | 48 | 0 | 4 | | | |
| Constrcting storm-water drains in new Purbhadevi Road, proposed new road and Worli Road and discharging into the Low Level Channel No. 1 ... ... ... ... ... | 48 | 0 | 4 | ...... | | | 48 | 0 | 4 | | | |
| Constructing a storm-water drain with water gullies and providing manholes and water gullies for the existing drain in Fanaswadi between Thakurdwar Road and Dady Seth Aviary Street ... ... ... ... | 15,744 | 1 | 9 | ...... | | | 15,744 | 1 | 9 | | | |
| Providing covered masonry storm-water drain for 3rd Parsiwada Lane. | 36 | 14 | 10 | 15,578 | 14 | 11 | 15,615 | 13 | 9 | | | |
| Providing storm-water drain in Chinchpokli Road ... ... ... | 39,333 | 8 | 9 | ...... | | | 39,333 | 8 | 9 | | | |
| Providing a storm-water drain in Cavel Lane ... ... ... ... | 10,245 | 15 | 10 | ...... | | | 10,245 | 15 | 10 | | | |
| Providing a storm-water covered masonry drain in Kandewady Lane between Girgaum Road and Sadashiv Street ... .. ... .. | 8,769 | 13 | 11 | 10,864 | 11 | 1 | 19,574 | 9 | 0 | | | |
| Construction of a storm-water drain in Girgaum Back Road between Sandhurst Road and Lamington Road ... ... ... ... ... | ...... | | | 12,940 | 1 | 7 | 12,940 | 1 | 7 | | | |
| Laying 12" storm-water drain in Mazagon between Babula Tank Road and Hancock Bridge ... ... | ...... | | | 13,793 | 11 | 1 | 13,793 | 11 | 1 | | | |
| Constructing a storm-water Drain in Mori Road between Lady Jamshedji Road and Tulsi Pipe Road... | ...... | | | 29,707 | 13 | 3 | 29,707 | 13 | 3 | | | |
| Constructing storm water drain in Mount Pleasant Road ... ... | ...... | | | 61 | 10 | 4 | 61 | 10 | 4 | | | |
| Providing a new sewer from Poibowdi northwards along Dadar Road up to the C. I. Trust Scheme No. 5. ... | ...... | | | 1,40,944 | 2 | 9 | 1,40,944 | 2 | 9 | | | |
| Construction of a sewer in DeLisle Road from its junction with Arthur Road up to the junction of Fergusson Road and Tulsi Pipe Line Road with necessary Pumping arrangements ... ... ... ... ... | ...... | | | 44,107 | 11 | 7 | 44,107 | 11 | 7 | | | |
| Constructing covered storm-water drains in Albert Road and in a portion of Ghorupdeo Road... ... | ...... | | | 25,064 | 13 | 11 | 25,064 | 13 | 11 | | | |
| Construction of a storm-water drain in Duncan Road between Grant Road and Bellasis Road ... ... ... | ...... | | | 29,410 | 8 | 3 | 29,410 | 8 | 3 | | | |
| Providing a storm-water drain with 15 fullsized water entrances at Dongri Street ... ... ... ... | ...... | | | 35,865 | 12 | 2 | 35,865 | 12 | 2 | | | |
| C—Drainage—Carried over ...Rs. | 2,55,16,115 | 12 | 0 | 5,47,249 | 12 | 8 | 2,60,63,365 | 8 | 8 | | | |
| Carried over Rs. .. | 2,48,06,084 | 10 | 0 | 61,41,869 | 3 | 10 | 3,09,47,953 | 13 | 10 | 3,09,47,953 | 13 | 10 |

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expenditure during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p |
| Brought forward Rs. ... | 2,48,06,084 10 0 | 61,41,869 3 10 | 3 09,47,953 13 10 | 3,09,47,953 13 10 |
| C.—Drainage—Brought forward Rs. ... | 2,55,16,115 12 0 | 5,47,249 12 8 | 2,60,63,365 8 8 | |
| Constructing a storm-water drain in the low level Road north of Frere Bridge west approach... .. ... | ...... | 8,246 1 7 | 8,246 1 7 | |
| Providing a new sewer along Naigaum Cross Road between Vincent and Dadar Roads ... ... ... ... | ...... | 43 7 9 | 43 7 9 | |
| Constructing storm-water drain in Mugbhat Cross Lane ... ... .. | ...... | 10,095 1 2 | 10,095 1 2 | |
| Nardulla Tank 60′ Road storm-water drain ... ... .. ... ... | ...... | 20,551 9 2 | 20,551 9 2 | |
| Nardulla Tank 50′ Road Sewers ... | ...... | 96 11 0 | 96 11 0 | |
| Nardulla Tank 50′ Road storm-water drain ... ... ... ... ... | ...... | 263 1 0 | 263 1 0 | |
| Mahim Station Road Sewers ... ... | ...... | 24 2 10 | 24 2 10 | |
| Dadar Kumbharwada Road Sewers ... | ...... | 3,094 1 10 | 3,094 1 10 | |
| Nardulla Tank 60′ Road Sewers ... | ...... | 10,907 12 6 | 10,907 12 6 | |
| Mahim Station Road storm-water drain ... ... ... ... ... | ...... | 23,356 4 6 | 23,356 4 6 | |
| Constructing storm-water drain outfall from Nardulla Tank scheme along Cadell Road and Road south of Bombay Dye Works to Mahim Bay ... .. ... ... ... | ...... | 1 5 0 | 1 5 0 | |
| Storm-water drain at Dadar Extension. | ...... | 24,881 4 3 | 24,881 4 3 | |
| Storm-water drain in Elphinstone Road Extension ... ... ... | ...... | 19,605 13 4 | 19,605 13 4 | |
| Storm-water drain at centre and in part of DeLisle Road Extension ... | ...... | 1,605 11 0 | 1,605 11 0 | |
| C—Drainage—Total ... | 2,55,16,115 12 0 | 6,70,022 3 7 | 2,61,86,137 15 7 | |
| D—WATER WORKS— | | | | |
| Vehar Lake (value of) ... ... ... | 45,21,943 7 9 | ...... | 45,21,943 7 9 | |
| Tulsi Water Works ... .. ... | 37,61,888 6 0 | ...... | 37,61,888 6 0 | |
| Vehar Outlet Tower ... ... ... | 2,38,111 10 0 | ...... | 2,38,111 10 0 | |
| Service Reservoir at Bhandarwada ... | 10,16,830 13 3 | ...... | 10,16,830 13 3 | |
| Tulsi gathering ground ... ... ... | 94,500 0 0 | ...... | 94,500 0 0 | |
| Malabar Hill Reservoir ... ... ... | 4,00,000 0 0 | ...... | 4,00,000 0 0 | |
| New hydrants, including cost of erection ... ... ... ... ... | 20,876 7 1 | ...... | 20,876 7 1 | |
| Construction of a double-storeyed chawl for the Water Works staff and quarters for the Superintendent ... .. | 29,182 3 3 | ...... | 29,182 3 3 | |
| Survey of new catch-water channels, &c. ... ... ... ... ... | 7,838 4 1 | ...... | 7,838 4 1 | |
| Construction of filter beds at Vehar ... | 1,04,433 15 11 | ...... | 1,04,433 15 11 | |
| Improvement of the water-supply of the outlying districts... ... .. | 6,82,065 0 8 | ...... | 6,82,065 0 8 | |
| Raising the Tulsi dams ... ... ... | 1,13,257 9 7 | ...... | 1,13,257 9 7 | |
| Providing additional catch-water channels at Vehar and Tulsi ... ... | 91,794 0 6 | ...... | 91,794 0 6 | |
| Purchase of check meters for the prevention of waste of water ... | 1,27,132 14 8 | ...... | 1,27,132 14 8 | |
| Enlarging different mains ... ... | 1,03,130 8 6 | ...... | 1,03,130 8 6 | |
| Cost of new water mains from Nesbit Road to Babula Tank ... ... | 15,000 0 0 | ...... | 15,000 0 0 | |
| Establishment charges ... ... ... | 80,770 0 0 | ...... | 80,770 0 0 | |
| Portion of excess cost of Vehar Outlet Tower ... ... ... ... ... | 34,675 6 3 | ...... | 31,675 6 3 | |
| Provision of turbine at the Malabar Hill Reservoir ... ... ... ... | 2,282 0 0 | ...... | 2,282 0 0 | |
| Malabar Hill Reservoir (extra cost) ... | 1,14,039 2 6 | ...... | 1,14,039 2 6 | |
| Increasing and improving the distribution of the water-supply and providing higher levels, Tulsi District, with filtered water ... ... ... | 20,211 8 4 | ...... | 20,211 8 4 | |
| 18″ main in Frere Road from the Bhandarwada Reservoir to Carnac Road and 12″ main from Carnac Road to Mint ... ... .. | 80,031 5 0 | ...... | 80,031 5 0 | |
| Concrete trench, waste weir, Vehar Lake ... ... ... ... ... | 30,608 7 1 | ...... | 30,608 7 1 | |
| Mains in 14 streets west of Frere Road and other mains in various places ... | 59,275 1 8 | ...... | 59,275 1 8 | |
| Arthur Road connection works necessitated by the laying of the Tansa 27″ main .. ... ... ... | 9,542 10 5 | ...... | 9,542 10 5 | |
| Deacon's meters ... ... ... ... | 16,788 0 0 | ...... | 16,788 0 0 | |
| D—Water Works —Carried over Rs. ... | 1,17,73,208 14 6 | ...... | 1,17,73,208 14 6 | |
| Carried over Rs. ... | 5,03,22,200 6 0 | 68,11,891 7 5 | 5,71,34,091 13 5 | 5,71,34,091 13 5 |

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs. ... | 5,03,22,200 6 0 | 68,11,891 7 5 | 5,71,34,091 13 5 | 5,71,34,091 13 5 |
| D—Water Works, brought forward Rs. ... | 1,17,73,208 14 6 | ...... | 1,17,73,208 14 6 | |
| Providing an asphalt surface to the floor of the settling basin of the Malabar Hill Reservoir and other works in connection therewith ... | 92,872 9 2 | ...... | 92,872 9 2 | |
| Pawai Water Works ... ... ... | 5,84,636 0 5 | ...... | 5,84,636 0 5 | |
| Additional Water Mains ... ... | 98,386 0 10 | ...... | 98,386 0 10 | |
| Extension of Tulsi Catch-water Channel ... ... ... | 20,836 9 1 | ...... | 20,836 9 1 | |
| Tansa Water Works including cost of survey ... ... ... ... ... | *1,49,35,508 15 0 | ...... | *1,49,35,508 15 0 | |
| Improvements of the outlet towers at Vehar and Tulsi ... ... | 12,842 13 10 | ...... | 12,842 13 10 | |
| 9″ main from Ghorupdeo Road to Jackeria Bunder Road and 6″ main from thence to Sewri Cemetery Road. | 27,892 4 7 | ...... | 27,892 4 7 | |
| New mains in Reay Road, &c. ... | 1,042 5 0 | ...... | 1,042 5 0 | |
| Main along Kalachowki Road from Parel Road to Ghorupdeo Road and along Reay Road from Kalachowki Road to Bhandarwada Reservoir ... | 1,26,969 12 8 | ...... | 1,26,969 12 8 | |
| 9″ service main connected at one end with the Bhandarwada Reservoir and at the other with the Sewri Road 12″ main and supplemented midway by a 9″ service main down Connaught Road ... | 48,364 0 5 | ...... | 48,364 0 5 | |
| Extension of water mains in various places ... ... ... ... ... | 28,026 6 5 | ...... | 28,026 6 5 | |
| Further alterations and improvements at the Malabar Hill Reservoir ... | 29,971 14 8 | ...... | 29,971 14 8 | |
| Covering storage basin at the Bhandarwada Reservoir and constructing filters over it ... ... ... ... | 91,052 13 0 | ...... | 91,052 13 0 | |
| Road from Vehar to Tulsi within a light tramway to carry pipes ... | 471 3 6 | ...... | 471 3 6 | |
| 9″ and 10″ pipes from Grant Road to Kamathipura ... ... ... ... | 7,163 3 9 | ...... | 7,163 3 9 | |
| Distribution mains in Tardeo and Gamdevi Roads ... ... ... ... | 7,391 5 2 | ...... | 7,391 5 2 | |
| Mains from 48″ Tansa main at Chinchpokli to Grant Road and 32″ main from Grant Road to Malabar Hill ... | 2,10,000 0 0 | ...... | 2,10,000 0 0 | |
| 32″ outlet mains from Malabar Hill to Chowpati ... ... ... ... | 30,000 0 0 | ...... | 30,000 0 0 | |
| Construction of additional filters at the Malabar Hill Reservoir ... ... | 2,45,319 9 2 | ...... | 2,45,319 9 2 | |
| Replacement of the Vehar main for the whole distance between Vehar and Coorla, north of Coorla ... ... | 6,46,945 5 4 | ...... | 6,46,945 5 4 | |
| Removing and relaying the 32″ Vehar main, south of Coorla ... ... ... | †5,17,726 14 7 | ...... | † 5,17,726 14 7 | |
| 9″ and 4″ mains in the new roads in the Agripada District ... ... | 43,790 0 4 | ...... | 43,796 0 4 | |
| 4″ main in New Street near Lohar Chawl .. ... ... ... ... | 2,531 10 0 | ...... | 2,531 10 0 | |
| Mains in the 1st Nagpada Scheme ... | 6,731 6 1 | ...... | 6,731 6 1 | |
| 4″ main along Wodehouse Road ... | 2,426 2 11 | ...... | 2,426 2 11 | |
| 4″ main in Saukli Street ... ... | 1,140 11 7 | ...... | 1,140 11 7 | |
| 4″ main in Connaught Road Estate ... | 1,666 9 8 | ...... | 1,666 9 8 | |
| 48″ Tansa main at Chinchpokli to Grant Road and 32″ main from Grant Road to Malabar Hill... ... | 47,629 7 1 | ...... | 47,629 7 1 | |
| 32″ outlet mains from Malabar Hill to Chowpati ... ... ... ... | 15,922 14 6 | ...... | 15,922 14 6 | |
| Laying new water mains and fixing hydrants in the roads, "City Improvement Trust Scheme No. IV" ... | 30,743 12 5 | ...... | 30,743 12 5 | |
| Laying water mains in B Ward ... | 1,17,921 12 8 | ...... | 1,17,921 12 8 | |
| Laying water mains on the Colaba Reclamation ... ... ... ... | 36,269 2 0 | ...... | 36,269 2 0 | |
| Laying water mains in A Ward ... | 1,20,996 13 1 | ...... | 1,20,996 13 1 | |
| Construction of quarters for Water Works Office Staff on the Babula Tank Site ... ... ... ... | 1,650 10 3 | ...... | 1,650 10 3 | |
| D—Water Works—Carried over Rs. ... | 2,99,66,045 1 8 | ...... | 2,99,66,045 1 8 | |
| Carried over Rs. ... | 5,03,22,200 6 0 | 68,11,891 7 5 | 5,71,34,091 13 5 | 5,71,34,091 13 5 |

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* Inclusive of Rs. 2,40,000 paid out of the Premia received on the Loan.

† Inclusive of Rs. 8,74,000 paid from the contribution received from the G. I. P. Railway Co.

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs. ... | 5,03,22,200 6 8 | 68,11,891 7 5 | 5,71,34,091 13 5 | 5,71,34,091 13 5 |
| D—Water Works, brought forward Rs. ... | 2,99,66,045 1 8 | ...... | 2,99,66,045 1 8 | |
| Laying a 9″ main along Mount Road from its junction with Love Lane to the junction at Victoria Road and a 6″ main along Ghorupdeo Road to be joined to the 6″ main already laid in Albert Road .. ... ... ... | 15,972 15 0 | ...... | 15,972 15 0 | |
| Laying an additional 9″ main on the 24″ main, somewhat north of Government House, Parel, to join the 4″ main in Lady Jamsetji Road. | 13,094 10 0 | ...... | 13,094 10 0 | |
| Providing quarters and offices for Water Works Inspector in A, B, C, E, F Wards ... ... ... ... | 13,884 15 8 | ...... | 13,884 15 8 | |
| *Tansa Reduplication and Auxiliary Works—* | | | | |
| Duplicating Syphons Nos. 1 to 7... | 33,73,402 11 10 | ...... | 33,73,402 11 10 | |
| Do. Syphon No. 8 ... | 29,60,503 11 7 | ...... | 29,60,503 11 7 | |
| Raising Tansa Dam ... ... | 4,40,273 10 9 | ...... | 4,40,273 10 9 | |
| Distributing mains in the City ... | 4,79,143 6 7 | ...... | 4,79,143 6 7 | |
| General expenses .. ... ... | 61,722 7 8 | ...... | 61,722 7 8 | |
| Laying a 5″ service main in Sandhurst Road ... ... .. ... | 37,255 7 5 | ...... | 37,255 7 5 | |
| Laying a 14″ main in Parel Road north of Grant Road... ... ... | 19,910 8 3 | ...... | 19,910 8 3 | |
| Substitution of an electrically driven Turbine pump for plunger pumps and construction of a water tower on the Malabar Hill Reservoir ... | 40,025 14 8 | ...... | 40,025 14 8 | |
| Renewal of water mains in the Girgaum District for improvement of the water supply... ... ... | 43,390 2 11 | ...... | 43,390 2 11 | |
| 15″ water main from 24″ main in Bhoiwada to Elphinstone Road as far as new Parbhadevi Road and thence a 9″ main to the Century Mill ... ... ... ... ... | 49,452 0 2 | ...... | 49,452 0 2 | |
| New mains in various places ... ... | 28,803 1 1 | ...... | 28,803 1 1 | |
| Covering storage basin at the Bhandarwada Reservoir and constructing filters over it ... ... ... | 44,597 14 4 | ...... | 44,597 14 4 | |
| Excess cost of Worli Road main ... | 21,696 4 1 | ...... | 21,696 4 1 | |
| Residence of the Chief Inspector, Water Works, at Babula Tank Road, and rooms for 6 sluicemen ... ... ... | 32,028 1 3 | ...... | 32,028 1 3 | |
| 24″ and 27″ mains from Malabar Hill Reservoir to Frere Fountain, Fort ... | 50,093 1 2 | ...... | 50,093 1 2 | |
| Connections at Chinchpokli between Tansa and Vehar mains ... ... | 7,402 1 4 | ...... | 7,402 1 4 | |
| Laying water mains in Wellington Lines ... .. .. ... ... | 4,397 9 5 | ...... | 4,397 9 5 | |
| Renewing 3″ main in B Ward with 4″ pipes—extra cost chargeable to Capital ... .. ... ... ... | 4,533 3 4 | ...... | 4,533 3 4 | |
| Replacing 32″ Vehar pipes for 1½ miles by 48″ C. I. pipes (north of Coorla). | 2,82,483 15 0 | ...... | 2,82,483 15 0 | |
| 9″ main in DeLisle Road ... .. | 9,819 6 1 | ...... | 9,849 6 1 | |
| 4″ main in Khara Talao Road .. | 2,774 11 7 | ...... | 2,774 11 7 | |
| Providing the trunk water mains with Venturi water meters ... ... ... | 23,000 0 0 | ...... | 23,000 0 0 | |
| Fixing Deacon's meters on the distributing mains ... .. ... ... | 20,445 4 8 | ...... | 20,445 4 8 | |
| Extending the existing 9″ main in the Agripada District along Gilder Street to join the existing 32″ main in Grant Road ... ... ... ... | 11,904 13 6 | ...... | 11,904 13 6 | |
| Extending the existing 9″ main in DeLisle Road to join with 15″ main in Elphinstone Road ... ... ... | 8,988 12 0 | ...... | 8,988 12 0 | |
| Travelling expenses to an Inspector and a lascar for taking survey, &c., in connection with the storage reservoir and filter beds at Ghatkopr .. ... ... ... ... | 35 0 6 | ...... | 35 0 6 | |
| Constructing office, quarters and store rooms for W. W., G Ward, at DeLisle Road on the site of Foras Tank ... ... ... ... | 19,415 3 11 | ...... | 19,415 3 11 | |
| D—Water Works—Carried over Rs. ... | 3,80,85,621 3 5 | ...... | 3,80,85,621 3 5 | |
| Carried over Rs. ... | 5,03,22,200 6 0 | 68,11,891 7 5 | 5,71,34,091 13 5 | 5,71,34,091 13 5 |

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | | | Expended during the year. | | | Total Capital Expenditure upto 31st March 1923. | | | GRAND TOTAL. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| Brought forward Rs. ... | 5,03,22,200 | 6 | 0 | 68,11,891 | 7 | 5 | 5,71,34,091 | 13 | 5 | 5,71,34,091 | 13 | 5 |
| D—Water Works, brought forward Rs. ... | 3,80,85,621 | 3 | 5 | ...... | | | 3,80,85,621 | 3 | 5 | | | |
| Extending the 9″ main laid along the bank of the drainage channel across the proposed Foras Road from the Century Mill to join the existing 9″ main at Worli ... ... | 4,092 | 4 | 11 | ...... | | | 4,092 | 4 | 11 | | | |
| Constructing a Screening Tower at Vehar Lake ... ... ... ... | 25,027 | 5 | 5 | ...... | | | 25,027 | 5 | 5 | | | |
| Construction of a terminal Service Reservoir at Kirol near Ghatkoper ... | 2,69,823 | 2 | 8 | ...... | | | 2,69,823 | 2 | 8 | | | |
| Reservoir at Golanji Hill ... ... | 3,783 | 6 | 6 | ...... | | | 3,78 | 6 | 6 | | | |
| Amount payable to the G. I. P. Railway as Municipal contribution towards the cost of extending the Tansa Main overbridge at Ghatkoper on account of the quadrupling of the Railway lines ... ... | 23,768 | 0 | 0 | ...... | | | 23,768 | | 0 | | | |
| Laying 9″ × 5″ mains on the estate of the City Improvement Trust between King's Way and the G. I. P. Railway Dadar Station ... | 1,24,230 | 0 | 4 | 51,060 | 2 | 4 | 1,75,290 | 2 | 8 | | | |
| Laying water mains in the new roads constructed by the City Improvement Trust in their Agripada Estates ... ... ... ... ... | 43,257 | 10 | 0 | 1,063 | 10 | 7 | 44,321 | 4 | 7 | | | |
| Laying a 6″ water main and provision of fire hydrants in Lady Hardinge Road. ... ... ... ... | 4,910 | 6 | 2 | ...... | | | 4,910 | 6 | 2 | | | |
| Laying mains in Pawwalla Street ... | 8,740 | 8 | 11 | ...... | | | 8,740 | 8 | 11 | | | |
| Laying 5″ water mains in a portion of the C. I. Trust Scheme No. XXXI between Jijibhai Lane and Lal Baug ... ... ... ... ... | 13,207 | 5 | 5 | 34 | 7 | 6 | 13,241 | 12 | 11 | | | |
| Constructing a mechanical filtration plant at Tulsi Lake for purifying Tulsi water and the work of conversion of obsolete filters at Malabar Hill into Reservoir Storage... ... | 2,43,581 | 15 | 7 | 67,651 | 5 | 3 | 3,11,233 | 4 | 10 | | | |
| Installation of filters at Powai for purifying water ... ... ... | 1,94,032 | 5 | 8 | 2,50,195 | 9 | 6 | 4,44,227 | 15 | | | | |
| Increasing the storage of Malabar Hill Reservoir by 7 million gallons ... | 4,47,467 | 11 | 2 | Cr. 12,222 | 14 | 9 | 4,35,244 | 12 | | | | |
| Laying water mains and Fire service Hydrant on Ballard Estate . .. | 49,941 | 7 | 7 | 7,925 | 10 | 10 | 57,867 | 2 | 5 | | | |
| Laying water mains in Foras Road City Improvement Trust Scheme 58. | 7,807 | 15 | 1 | 1,541 | 5 | 3 | 9,349 | 4 | 4 | | | |
| Diverting Powai Thana Road leading through the centre of Pawai Lake ... | 280 | 10 | 4 | 49,594 | 0 | 0 | 49,874 | 10 | 4 | | | |
| Laying 6″ mains in roads Nos. 1 to 5 between Balaram Street and Foras Road ... ... ... ... ... | 13,205 | 7 | 1 | 7 | 7 | 0 | 13,212 | 14 | | | | |
| Laying 6″ water main in Chikhalwadi. | 9,218 | 8 | 7 | ...... | | | 9,218 | 8 | | | | |
| Protection of catchment areas Tansa Lake ... ... ... ... .. | 69 | 3 | 0 | ...... | | | 69 | 3 | 0 | | | |
| Replacement of mains in various parts of the City by mains of larger size ... | 3,41,175 | 0 | 8 | 1,99,465 | 15 | 8 | 5,40,641 | 0 | 4 | | | |
| Protection of catchment area, Vehar Lake ... ... ... ... . . | ...... | | | 3,69,645 | 0 | 0 | 3,69,645 | 0 | 0 | | | |
| Laying water mains in Naigaum Estate | ...... | | | 5,750 | 8 | 1 | 5,750 | 8 | 1 | | | |
| Land and quarters for staff required to maintain and work filters, engines and pumps near site of Powai Filters ... ... ... | ...... | | | 39,590 | 6 | 10 | 39,590 | 6 | 10 | | | |
| Providing mains and hydrants in the Streets where there are none existing... ... .. ... ... | ...... | | | 49,531 | 9 | 1 | 49,531 | 9 | 1 | | | |
| Laying mains in City Improvement Trust Estate at Suparibag Road.... | ...... | | | 20,054 | 3 | 1 | 20,054 | 3 | 1 | | | |
| Laying additional service mains in Suparibag Road ... ... ... | ...... | | | 9,918 | 6 | 1 | 9,918 | 6 | 1 | | | |
| Conversion of existing structures at Malabar Hill into suitable quarters for officers, &c. ... ... .. | ...... | | | 30,531 | 8 | 7 | 30,531 | 8 | 7 | | | |
| Tansa Triplication :— | | | | | | | | | | | | |
| Widening the Track along Tansa Pipe line between Pogaon and Pokran ... ... ... ... ... | 5,06,067 | 12 | 2 | 88,080 | 13 | 5 | 5,94,148 | 9 | 7 | | | |
| Preliminary fees and expenses ... | 34,179 | 12 | 6 | 9,314 | 16 | 5 | 43,494 | 6 | 11 | | | |
| D—Water Works, Carried over Rs. ... | 4,04,53,489 | 3 | 2 | 12,38,733 | 12 | 9 | 4,16,92,222 | 15 | 11 | | | |
| Carried over Rs. ... | 5,03,22,200 | 6 | 0 | 68,11,891 | 7 | 5 | 5,71,34,091 | 13 | 5 | 5,71,34,091 | 13 | 5 |

# Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | | | Expended during the year. | | | Total Capital Expenditure upto 31st March 1923. | | | GRAND TOTAL. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs | a | p. | Rs | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| Brought forward Rs. ... | 5,03,22,200 | 6 | 0 | 68,11,891 | 7 | 5 | 5,71,34,091 | 13 | 5 | 5,71,34,091 | 13 | 5 |
| D—Water Works—Brought forward Rs.... | 4,04,53,489 | 3 | 2 | 12,38,733 | 12 | 9 | 4,16,92,222 | 15 | 11 | | | |
| Cost of making survey of the country through which the new aqueduct could be constructed ... ... ... | 20,744 | 2 | 7 | ...... | | | 20,744 | 2 | 7 | | | |
| Section I.—Forming pipe truck from Tansa to Bandra, supplying and laying trolley lines, erecting sluice house, Inspector's houses, temporary engine house and semi-permanent buildings and accommodation, roads, etc. ... | 6,88,111 | 6 | 4 | 17,96,255 | 14 | 1 | 24,84,367 | 4 | 5 | | | |
| Section IA.—Tansa Atgaon metalled road ... ... ... ... ... | 3,11,488 | 13 | 8 | 25,663 | 15 | 4 | 3,37,152 | 13 | 0 | | | |
| Section IB.—Raising Tansa Dam ... | 4,63,352 | 7 | 0 | 3,50,238 | 3 | 9 | 8,13,590 | 10 | 9 | | | |
| Section IC.—Acquisition of land for embankments for new pipe tracks and trolley lines ... ... ... | 9,095 | 13 | 7 | 15,567 | 14 | 7 | 24,663 | 12 | 2 | | | |
| Section ID.—Altering outlet well and constructing head works and control room at Tansa .. ... ... ... | 70 | 0 | 0 | 36,270 | 4 | 8 | 36,340 | 4 | 8 | | | |
| Section II.—Supplying and laying about 42 miles steel pipes from Tansa to Pogaon ... ... ... | 1,14,197 | 4 | 2 | 13,87,502 | 0 | 5 | 15,01,699 | 4 | 7 | | | |
| Section III.—Supplying and laying about 63 miles steel pipes, &c., from Pogaon to Bombay ... ... ... | 76,590 | 7 | 0 | 10,41,121 | 15 | 3 | 11,17,712 | 6 | 3 | | | |
| Section IV.—Supplying sluice valves and other apparatus ... ... ... | ...... | | | 3,07,425 | 6 | 5 | 3,07,425 | 6 | 5 | | | |
| Section V.—Supplying two 57" venturi meters ... ... ... .. | ...... | | | 75,545 | 0 | 1 | 75,545 | 0 | 1 | | | |
| Section VI.—Constructing bridges at Kasheli .. ... ... ... ... | ...... | | | 60,752 | 12 | 3 | 60,752 | 12 | 3 | | | |
| Section VII.—Constructing new bridge and approaches at Bandra for carrying two 57" mains over the Bandra creek ... ... ... ... | 76 | 13 | 0 | 60,486 | 8 | 3 | 60,513 | 5 | 3 | | | |
| Section VIII.—Supplying and erecting a temporary pumping plant at Kasheli .. ... .. ... ... | ...... | | | 1,48,701 | 11 | 1 | 1,48,701 | 11 | 1 | | | |
| Section IX.—Cast Iron Pipes and special castings ... .. ... | ...... | | | 85 | 0 | 0 | 85 | 0 | 0 | | | |
| Section IXA.—Supplying and laying pipes, &c., required for remodelling the distribution system in Bombay including Petometor Survey, &c. ... | 27,374 | 8 | 8 | 28,340 | 9 | 8 | 55,715 | 2 | 4 | | | |
| Section X.—Removing and relaying 48" and 50" pipes ... ... ... | 756 | 7 | 9 | 34,208 | 6 | 6 | 34,964 | 14 | 3 | | | |
| | 4,21,65,347 | 6 | 11 | 66,06,849 | 7 | 1 | 4,87,72,196 | 14 | 0 | | | |
| *Paid out of the Worn-out Water Mains Renewal Fund—* | | | | | | | | | | | | |
| Replacing 3" main in Arthur Road by a 6" main and to extend it so as to join the 6" main in Kalachowki Road ... ... ... ... | 431 | 2 | 4 | ...... | | | 431 | 2 | 4 | | | |
| Laying a 9" main along Mount Road from its junction with Love Lane to the junction at Victoria Road and a 6" main along Ghorupdeo Road to be joined to the 6" main already laid in Albert Road ... ... | 6,446 | 14 | 1 | ...... | | | 6,446 | 14 | 1 | | | |
| Laying a 6" main in Matarpakhadi and a 12" main along Mazagon Road from Nesbit Lane to Mount Road ... ... ... ... | 5,696 | 15 | 4 | ...... | | | 5,696 | 15 | 4 | | | |
| Cost of renewing 3" main in Worli Road with 9" pipes (chargeable to revenue) .. ... .. ... | 26,517 | 3 | 9 | ...... | | | 26,517 | 3 | 9 | | | |
| Replacing 3" main in Zaoba's Oart by a 4" one ... ... .. ... | 672 | 7 | 6 | ...... | | | 672 | 7 | 6 | | | |
| Mains in the 1st Nagpada Scheme ... | 1,645 | 6 | 0 | ...... | | | 1,645 | 6 | 0 | | | |
| Replacing the 5" main in Janjikar Street and 3" and 4" main in Old Hanuman Lane by a 6" main ... | 4,359 | 1 | 2 | ...... | | | 4,359 | 1 | 2 | | | |
| 4" main in New Street near Lohar Chawl ... ... ... ... ... | 2,168 | 15 | 11 | ...... | | | 2,168 | 15 | 11 | | | |
| Paid out of the Worn-out Water Mains Renewal Fund—Carried over Rs. .. | 47,938 | 2 | 1 | ...... | | | 47,938 | 2 | 1 | | | |
| D—Water Works—Carried over Rs. ... | 4,21,65,347 | 6 | 11 | 66,06,849 | 7 | 1 | 4,87,72,196 | 14 | 0 | | | |
| Carried over Rs. ... | 5,03,22,200 | 6 | 0 | 68,11,891 | 7 | 5 | 5,71,34,091 | 13 | 5 | 5,71,34,091 | 13 | 5 |

## Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs a. p. |
| Brought forward Rs. ... | 5,03,22,200 6 0 | 68,11,891 7 5 | 5,71,34,091 13 5 | 5,71,34,091 13 5 |
| D—Water Works—Brought forward Rs. ... | 4,21,65,347 6 11 | 66,06,849 7 1 | 4,87,72,196 14 0 | |
| Worn-out Water Mains Renewal Fund—Brought forward ... ... ... ... | 47,938 2 1 | ...... | 47,938 2 1 | |
| Replacing 8″ main in Foras Road by a 6″ main ... ... ... ... | 3,427 0 0 | ...... | 3,427 0 0 | |
| Replacing the 3″ main in Chunam Kiln Road by a 5″ main ... ... | 998 14 10 | ...... | 998 14 10 | |
| Replacing a 3″ water main in Mazagon Road by 5″ main, &c.... ... .. | 2,133 4 1 | ...... | 2,133 4 1 | |
| Laying water mains in A Ward ... | 53,230 8 10 | ...... | 53,230 8 10 | |
| Laying water mains in B Ward ... | 57,241 10 2 | ...... | 57,241 10 2 | |
| Replacing a 3″ water main in Mughbhat Cross Lane by a 5″ main ... | 924 5 9 | ...... | 924 5 9 | |
| Laying 8″ main in Gunpowder Road to be replaced by a 5″ main, &c., &c | 1,730 5 8 | ...... | 1,730 5 8 | |
| 6″ Water main in Soparibag Road from the Junction of Parel Govt. Gate Road with Elphinstone Road ... | 8,838 15 3 | ...... | 8,838 15 3 | |
| Laying a 9″ main in Cawasji Patel Street ... ... ... ... .. | 2,817 1 10 | ...... | 2,817 1 10 | |
| Replacing 3″ main in Huzria Street by a 5″ main ... ... ... ... | 1,141 9 8 | ...... | 1,141 9 8 | |
| Laying 3″ and 4″ mains in Kamatipura Bazar Road by a 6″ main ... | 2,447 1 6 | ...... | 2,447 1 6 | |
| Replacing 3″ water main in the Mahomedan Street at Ripon Road by a 5″ main ... ... ... .. .. | 1,266 1 4 | ...... | 1,266 1 4 | |
| Replacing 3″ main in Bapu Khote Street by a 5″ main ... ... | 1,136 8 0 | ...... | 1,136 8 0 | |
| Replacing the 3″ pipe in Arthur Road by a 6″ one and extending it so as to join the 6″ main in Kalachowki Road ... ... .. ... ... | 551 2 8 | ...... | 551 2 8 | |
| Laying a 12″ main from the Tulsi Pipe line to Worli Road in place of the 6″ main in Fergusson Road .. | 4,146 5 6 | ...... | 4,146 5 6 | |
| Laying a 5″ water main in place of the existing 3″ main in Fanaswadi. | 1,352 1 0 | ...... | 1,352 1 0 | |
| Laying a 5″ main in Tank Street ... | 1,579 0 7 | ...... | 1,579 0 7 | |
| Laying a 4″ main in Sheik Burhan Street ... ... ... ... ... | 329 1 11 | ...... | 829 1 11 | |
| Replacing 4″ main by a 6″ main in Love Lane ... ... ... ... | 2,318 9 8 | ...... | 2,318 9 8 | |
| Replacing small service mains in various parts of the City ... ... | 8,715 9 3 | ...... | 8,715 9 3 | |
| Laying 5″ main in Vithoba Lane ... | 365 0 1 | ...... | 365 0 1 | |
| Laying 5″ main in Temker Street ... | 1,830 10 11 | ...... | 1,830 10 11 | |
| Replacing 3″ main in Kika Street by a 5″ one ... ... ... ... ... | 2,402 6 0 | ...... | 2,402 6 0 | |
| Replacing 3″ main by a 5″ main in Guzar Street ... ... ... ... | 966 15 5 | ...... | 966 15 5 | |
| Laying 5″ main in Undria Street .. | 1,751 1 9 | ...... | 1,751 1 9 | |
| | 2,11,579 9 9 | ...... | 2,11,579 9 9 | |
| D—Water Works—Total Rs. ... | 4,23,76,927 0 8 | 66,06,849 7 1 | 4.89,83,776 7 9 | 4,89,83,775 7 9 |
| E—CEMETERIES (*Burning and Burial Grounds*)— | | | | |
| Burial ground for Mahomedans and Beni-Israels ... ... ... ... | 2,11,652 4 5 | ...... | 2,11,652 4 5 | |
| Purchase of two sites of land for burning and burial grounds at Mahim and Worli, including cost of enclosure walls, &c. ... ... | 47,680 4 4 | ...... | 47,680 4 4 | |
| Purchase of land from Mr. Ashburner for extension of burial ground for Mahomedans ... ... ... | 1,17,046 0 6 | ...... | 1,17,046 0 6 | |
| Purchase of land in Narielwadi for future extension of burial ground for Mahomedans ... ... ... | 1,60,577 5 10 | ...... | 1,60,577 5 10 | |
| Extension of burial ground at the Sewri Cemetery ... ... ... | 71,640 9 8 | ...... | 71,640 9 8 | |
| Providing a burial ground at Baines Road for the Portuguese Community ... ... ... .. | 26,949 12 7 | ...... | 26,949 12 7 | |
| *E—Cemeteries—Carried over* Rs. ... | 6,35,546 5 4 | ...... | 6,35,546 5 4 | |
| Carried over Rs. ... | 9,26,99,127 6 8 | 1,34,18,740 14 6 | 10,61.17,868 5 2 | 10,61,17,868 5 2 |

# Appendix No. 8—*continued.*

| | Capital Expenditure upto 31st March 1922. | Expended during the year. | Total Capital Expenditure upto 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs. ... | 9,26,99,127 6 8 | 1,34,18,740 14 6 | 10,61,17,863 5 2 | 10,61,17,868 5 2 |
| E—Cemeteries—Brought forward Rs. ... | 6,35,546 5 4 | ...... | 6,35,546 5 4 | |
| Providing a burial ground for Mahomedans in F and G Wards at Antop Hill, Matunga ... .. | 25,981 11 5 | ... .. | 25,981 11 5 | |
| Extension of the Sewri Cemetery ... | 83,757 14 9 | 4,551 15 8 | 88,309 14 5 | |
| Filling in the portion of the Haines Road Cemetery ... ... ... | 10,000 0 0 | ...... | 10,000 0 0 | |
| Providing a boundary wall at the Haines Road Cemetery ... ... | 18,278 9 6 | ...... | 18,278 9 6 | |
| Acquisition of land required for the extension of the Hindu Burial Ground at Mahim ... ... .. | 20,094 14 9 | ...... | 20,094 14 9 | |
| Filling in the Roman Catholic Cemetery at Haines Road and acquisition of additional land therefor including compound wall, drainage arrangements, &c. ... ... ... | 1,09,789 8 2 | 14,321 14 8 | 1,24,061 6 10 | |
| E—Cemeteries—Total Rs. ... | 8,98,398 15 11 | 18,873 14 4 | 9,17,272 14 3 | 9,17,272 14 3 |
| F—DISPOSAL OF TOWN SWEEPINGS. | | | | |
| Purchase of land on the Flats required for the disposal of Town sweepings. | 1,98,918 8 8 | ...... | 1,98,918 8 8 | |
| Purchase of land on the Flats for the deposit of kutchra ... . ... | 5,890 14 1 | ...... | 5,890 14 1 | |
| Disposal of Town sweepings at Deonar. | 7,84,000 0 0 | ...... | 7,84,000 0 0 | |
| Extra cost of the scheme for the disposal of Town sweepings at Deonar ... ... ... ... ... | 50,587 5 0 | ...... | 50,587 5 0 | |
| 20 additional wagons for the disposal of Town sweepings ... ... ... | 38,684 2 0 | ...... | 38,684 2 0 | |
| Construction of 10 new kutchra wagons required for the Health Department ... ... ... ... | 35,985 2 0 | ...... | 35,985 2 0 | |
| Construction of 57 additional wagons for removal of refuse & silt ... .. | 94,500 0 0 | ...... | 94,500 0 0 | |
| F—Disposal of Town Sweepings—Total Rs. | 12,08,510 15 9 | ...... | 12,08,510 15 9 | 12,08,510 15 9 |
| G—MISCELLANEOUS— | | | | |
| Purchase of land for the site of the Petit Hall and other charges in connection therewith ... ... ... | 4,946 8 6 | ...... | 4,946 8 6 | |
| Filling in the Babula Tank with debris. | 48,803 15 9 | ...... | 48,803 15 9 | |
| Filling in Gowalia Tank and making Roads, &c., thereon ... ... ... | 1,52,949 11 1 | 179 5 4 | 1,53,129 0 5 | |
| Filling in Matarpakhadi Tank at Mount Road ... ... ... ... | 2,607 5 8 | ...... | 2,607 5 8 | |
| Filling in Gilder Tank ... ... | 15,488 9 4 | ...... | 15,488 9 4 | |
| Filling in the portion of the old watercourse situated at the north corner of the Foras Tank and west of Purbhadevi Night-soil Depôt in DeLisle Road .. ... ... ... ... | 3,506 5 7 | ...... | 3,506 5 7 | |
| Laying out a new park at the site of the old Bhatia Baug ... ... .. | 21,511 3 7 | ...... | 21,511 3 7 | |
| Filling in part of storm water Reservoir ... ... ... ... .. | 12,72,032 8 2 | 6,45,431 8 1 | 19,17,463 11 3 | |
| G—Miscellaneous Total Rs. ... | 15,21,345 14 8 | 6,45,610 13 5 | 21,66,956 12 1 | 21,66,956 12 1 |
| Loan Works Total Rs. ... | 9,63,27,383 5 0 | 1,40,83,225 10 3 | 11,04,10,608 15 3 | 11,04,10,608 15 3 |
| DEVELOPMENT SCHEMES. | | | | |
| Mahim Development. | | | | |
| Scheme No. 1 ... ... ... ... | 2,36,469 8 9 | 99,260 13 6 | 3,35,730 6 3 | |
| Scheme No. 2 ... ... ... ... | 5,42,624 1 3 | 1,85,869 7 8 | 7,28,493 8 11 | |
| Scheme No. 3 .. ... ... .. | 87,031 4 6 | 10,44,777 5 4 | 10,81,808 9 10 | |
| Scheme No. 4 ... ... ... ... | 82,831 1 11 | 21,52,557 14 4 | 22,35,389 0 3 | |
| Mahim Park ... ... ... ... | 60,231 2 8 | *Cr* 60,231 2 8 | ...... | |
| Total Rs. ... | 9,59,187 3 1 | 34,22,234 6 2 | 43,81,421 9 3 | |
| *Less—* | | | | |
| Recoveries on account of sale proceeds of surplus land .. ... ... ... | 2,73,942 0 0 | 1,58,758 9 6 | 4,32,700 9 6 | |
| Mahim Development—Total Rs. ... | 6,85,245 3 1 | 32,63,475 12 8 | 39,48,720 15 9 | 39,48,720 15 9 |
| Development schemes—Carried over Rs. | 6,85,245 3 1 | 32,63,475 12 8 | 59,48,720 15 9 | 39,48,720 5 9 |

## Appendix No. 8—*continued.*

| | Capital Expenditure up to 31st March 1922. | Expended during the year. | Total Capital Expenditure up to 31st March 1923. | GRAND TOTAL. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward Rs. ... | 9,63,27,383 5 0 | 1,40,83,225 10 3 | 11,04,10,608 15 3 | 11,04,10,608 15 3 |
| Development Schemes—Brought forward Rs. ... ... ... ... ... ... | 6,85,245 3 1 | 32,63,475 12 8 | 39,48,720 15 9 | 39,48,720 15 9 |
| Other Schemes— | | | | |
| Golanji Hill Road .. ... ... ... | ...... | 4,58,457 6 9 | 4,58,457 6 9 | |
| Hornby Road to Ballard Pier Road ... | ...... | 29,89,020 8 11 | 29,89,020 8 11 | |
| Mahim Park ... ... ... ... ... | ...... | 21,58,085 8 4 | 21,58,085 8 4 | |
| Other Schemes—Total Rs. ... | ...... | 56,05,563 8 0 | 56,05,563 8 0 | |
| *Less*— | | | | |
| Recoveries on account of sale proceeds of surplus land, &c. ... ... ... | ...... | 20,532 0 0 | 20,532 0 0 | |
| Other Schemes—Total Rs. ... | ...... | 55,85,031 8 0 | 55,85,031 8 0 | 55,85,031 8 0 |
| Development Schemes—Total Rs. ... | 6,85,245 3 1 | 88,48,507 4 8 | 95,33,752 7 9 | 95,33,752 7 9 |
| Grand Total Rs. ... | 9,70,12,628 8 1 | * 2,29,31,732 14 11 | 11,99,44,361 7 0 | 11,99,44,361 7 0 |
| Lands purchased and buildings erected out of the Municipal Land and Building Fund— | | | | |
| Acquisition of land in connection with the extension of the burial ground for Agris and Kolis of the Sewree Section since utilized as a Road Department Depot ... ... ... | 10,680 14 5 | ...... | 10,680 14 5 | |
| Acquisition of land at Musjid Bunder Road and Narayan Dhuru Street ... | 1,343 0 0 | ...... | 1,343 0 0 | |
| Acquisition of land at Naigaum Tank. | 11,115 0 0 | ...... | 11,115 0 0 | |
| Acquisition of plots of land for the Health Department for the purpose of No. X. District Registration Office and a Maternity Home ... ... | 33,690 0 0 | ...... | 33,690 0 0 | |
| Construction of a Small Office & two huts at Tardeo Flats for the Pipe Depot ... ... ... ... ... | 44 6 7 | ...... | 44 6 7 | |
| Purchase of an Active service hut in Ormiston Road ... ... ... | 8,000 0 0 | ...... | 8,000 0 0 | |
| Construction of a new road from Hornby Road to Ballard Road ... | 130 8 0 | ...... | 130 8 0 | |
| Acquisition of Mr. Thakar's land for road from Haines Road to the junction of Tulsi Pipe Line and Fergusson Road ... ... ... ... | 1,55,000 1 0 | ..... | 1,55,000 1 0 | |
| Dadar Road Overbridge ... ... | 8,62,202 7 0 | 2,690 5 0 | 8,64,892 12 0 | |
| Acquisition of property at the junction of Apollo Street and British Hotel Lane ... ... ... ... | 1,03,453 0 0 | 2,947 5 11 | 1,06,400 5 11 | |
| Acquisition of plot at Cruickshank Road for extension of Municipal building ... .. ... ... | 1,68,266 14 0 | ...... | 1,68,266 14 0 | |
| Acquisition of properties near the junction of Fergusson Road and proposed New Tulsi Pipe Line Road. | 78,779 8 7 | 889 4 0 | 79,668 12 7 | |
| Victoria Road Overbridge ... ... | 2,50,000 0 0 | *Cr.* 1,00,000 0 0 | 1,50,000 0 0 | |
| Resumption of Sanadi land at Khoja Street for storing road materials ... | 7,500 0 0 | ..... | 7,500 0 0 | |
| Widening and extending Dalal Street.. | 8,625 0 0 | *Cr.* 6,139 13 7 | *Cr* 2,514 13 7 | |
| Widening of Church Gate Street and Armenian Lane and construction of a new straight road from the junction of Esplanade Road & Armenian Lane eastwards to Tamarind Lane ... | 76,413 7 5 | 62,675 13 3 | 1,39,089 4 8 | |
| Carried over Rs. ... | 17,70,244 3 0 | *Cr.* 36,937 1 5 | 17,33,307 1 7 | |

* Correct as shown below :—

| | Rs. a. p. | |
|---|---|---|
| | 1,96,18,836 12 6 | Loan works Account as per Sub-Ledgers. |
| | 34,22,234 6 2 | Mahim Development charges. |
| | 2,30,41,071 2 8 | |
| *Less* | 1,58,758 9 6 | Sale proceeds of lands, Mahim Development Fund. |
| | 2,28,82,312 9 2 | |
| *Add* | 49,420 5 9 | Expense met out of Government contribution for Primary School Buildings. |
| | * 2,29,31,732 14 11 | |

# Appendix No. 8—*concluded.*

| | Capital Expenditure up to 31st March 1922. | | | Expended during the year. | | | Total Capital Expenditure up to 31st March 1923. | | | GRAND TOTAL. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| Brought forward ... | 17,70,244 | 3 | 0 | *Cr.* 36,937 | 1 | 5 | 17,33,307 | 1 | 7 | | | |
| Acquisition of land from Mr. Kutai at Raghunath Dadaji Street ... | 3,101 | 4 | 9 | ...... | | | 3,101 | 4 | 9 | | | |
| Acquisition of land from Bai B. M. M. Kothwal and K. M. Kothwal at Dadaji Street ... ... ... ... | 1,358 | 5 | 4 | ...... | | | 1,358 | 5 | 4 | | | |
| Compensation for land at the junction of Gunbow Street and Bomanji Lane | 4,971 | 7 | 0 | ...... | | | 4,971 | 7 | 0 | | | |
| Compensation for land at Abdul Rehman Street paid to the Collector of Bombay ... ... ... ... | 1,45,110 | 0 | 0 | ...... | | | 1,45,110 | 0 | 0 | | | |
| Compensation for land at Gunbow Street ... ... ... ... ... | 1,380 | 0 | 0 | ...... | | | 1,380 | 0 | 0 | | | |
| Compensation for land at Gunbow Street belonging to Mr. Pallonji P. Cooper .. ... ... ... ... | 1,560 | 0 | 0 | ...... | | | 1,560 | 0 | 0 | | | |
| Part adjustment of amount paid to Cowasji M. Bomanji for land at the junction of Memon Street and Vithal Street ... ... ... ... .. | 4,512 | 15 | 7 | ...... | | | 4,512 | 15 | 7 | | | |
| Amount paid to the Chairman, City Improvement Trust ... ... ... | 18,174 | 0 | 0 | ...... | | | 18,174 | 0 | 0 | | | |
| Amount paid to the Collector of Bombay for acquisition of land at Kalbadevi ... ... ... ... | 594 | 2 | 11 | ...... | | | 594 | 2 | 11 | | | |
| Crawford, Bayley & Coy. for acquisition of land from Mr. Kermani ... | 1,185 | 0 | 0 | ...... | | | 1,185 | 0 | 0 | | | |
| Amount paid to Messrs. Crawford, Bayley & Coy. for legal expenses ... | 249 | 0 | 0 | ...... | | | 249 | 0 | 0 | | | |
| Charges of adjustment of the value of land acquired from Bhatia Mitra Mandal ... ... ... ... ... | 3,410 | 0 | 0 | ...... | | | 3,410 | 0 | 0 | | | |
| (Charges adjusted) cost of lands at Gunbow Street ... ... ... | 360 | 0 | 0 | ...... | | | 360 | 0 | 0 | | | |
| Amount paid to Messrs. Crawford, Bayley & Coy. on account of legal charges ... ... ... ... ... | 2,610 | 0 | 0 | ...... | | | 2,610 | 0 | 0 | | | |
| Widening of Reay Road ... ... ... | ...... | | | 84,805 | 0 | 0 | 84,805 | 0 | 0 | | | |
| Total Rs. ... | 19,58,820 | 6 | 7 | *47,867 | 14 | 7 | 20,06,688 | 5 | 2 | 20,06,688 | 5 | 2 |

* Certified correct as per Sub-Ledger.

M. R. TAMBE,
Acting Chief Accountant.

H. B. CLAYTON,
Municipal Commissioner.

# Appendix

STATEMENT of Outstanding Loans due by the Municipality and

| No. | Particulars of Loans. | Rate of Interest. | Balance due on 1st April 1922. | Amount raised in 1922-23. | Total. | Amount re-paid in 1922-23. | Balance due on 31st March 1923. |
|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | **Loans raised from Government.** | | | | | | |
| 1 | Vehar Water Works Debt ... ... | 4 per cent. ... | 20,14,366 14 9 | ...... | 20,14,366 14 9 | 34,016 13 0 | 19,80,350 1 9 |
| 2 | The 50 Lakhs Loan for Drainage, Water, Roads and other Works (part of Bombay Development Loan) ... ... ... ... | 6½ per cent. ... | 50,00,000 0 0 | ...... | 50,00,000 0 0 | ...... | 50,00,000 0 0 |
| 3 | 1st Instalment out of the Loan of Rs. 1½ crores for Water Works, Roads, Drainage and Sewerage, &c. | 6½ per cent. ... | 75,00,000 0 0 | ...... | 75,00,000 0 0 | ...... | 75,00,000 0 0 |
| 4 | 2nd Instalment out of the Loan of Rs 1½ crores for Water Works, Roads, Drainage and Sewerage, &c. | 6 per cent. (inclusive of Income-Tax.) ... ... | 25,00,000 0 0 | 50,00,000 0 0 | 75,00,000 0 0 | ...... | 75,00,000 0 0 |
| 5 | 140 Lakhs Loan for Water Works, Fire Bridge, Markets Roads and Overbridges, etc. ... ... .. | Not yet settled | ........ | 1,15,00,000 0 0 | 1,15,00,000 0 0 | ...... | 1,15,00,000 0 0 |
| | Total ... | | 1,70,14,366 14 9 | 1,65,00,000 0 0 | 3,35,14,366 14 9 | 34,016 13 0 | 3,34,80,350 1 9 |
| | **Loans raised from the Public.** | | | | | | |
| 1 | Drainage Loan of 1878 (Rs. 26,94,000) | 5 per cent. ... | 6,500 0 0 | ...... | 6,500 0 0 | (a) 2,500 0 0 | 4,000 0 0 |
| 2 | The Sanitary Works Loan of 1885-86 (Rs. 44 Lakhs) ... .. ... | 5 per cent. ... | 37,39,000 0 0 | ...... | 37,39,000 0 0 | (b) ...... | 37,39,000 0 0 |
| 3 | The Sanitary Works Loan of 1888 (Rs. 7 Lakhs) ... ... ... | 5 per cent. ... | 7,00,000 0 0 | ...... | 7,00,000 0 0 | (b) ...... | 7,00,000 0 0 |
| 4 | The Tansa Water Works Loan (Rs. 147 Lakhs) ... ... ... | 5 per cent. ... | 1,47,00,000 0 0 | ...... | 1,47,00,000 0 0 | (b) ...... | 1,47,00,000 0 0 |
| 5 | The Drainage and Water Works Loan of 1888 (Rs. 12 Lakhs) ... | 5 per cent. ... | 12,00,000 0 0 | ...... | 12,00,000 0 0 | (b) ...... | 12,00,000 0 0 |
| 6 | The Miscellaneous Works Loan of 1888-89 for Drainage and Water Works, Markets and Roads (Rs. 10,08,500) ... ... .. | 5 per cent. ... | 10,08,500 0 0 | ...... | 10,08,500 0 0 | (b) ...... | 10,08,500 0 0 |
| 7 | The Agripada House Sullage Water Connections Loan (Rs. 2,48,000)... | 5 per cent. ... | 2,48,000 0 0 | ...... | 2,48,000 0 0 | (b) ...... | 2,48,000 0 0 |
| 8 | The 35 Lakhs various Sanitary Works Loan of 1890-91 ... ... | 5 per cent. ... | 35,00,000 0 0 | ...... | 35,00,000 0 0 | (b) ...... | 35,00,000 0 0 |
| 9 | The Municipal Office Building Loan of 1891 (Rs. 8 Lakhs) ... ... | 5 per cent. ... | 8,00,000 0 0 | ...... | 8,00,000 0 0 | (b) ...... | 8,00,000 0 0 |
| 10 | The Loan of 4½ Lakhs for Fire Brigade Quarters and Stations ... | 4 per cent. ... | 4,50,000 0 0 | ...... | 4,50,000 0 0 | (d) 3,95,500 0 0 | 54,500 0 0 |
| 11 | The Loan of 42 Lakhs for re-payment of the Balance of the Government Consolidated Loan ... ... ... ... ... | 4 per cent. ... | 42,00,000 0 0 | ...... | 42,00,000 0 0 | (b) ...... | 42,00,000 0 0 |
| 12 | The Loan of 23¼ Lakhs for Drainage and other Works ... ... ... | 4 per cent. ... | 23,25,000 0 0 | ...... | 23,25,000 0 0 | (b) ...... | 23,25,000 0 0 |
| 13 | The 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (1st instalment of Rs. 10 Lakhs).<br>Do. do. (2nd instalment of Rs. 5¾ Lakhs) ... ... ... | 3½ per cent. ...<br>4 per cent. ... | 15,75,000 0 0 | ...... | 15,75,000 0 0 | (b) ...... | 15,75,000 0 0 |
| 14 | 25 Lakhs Loan for Sewerage, Water and other Sanitary Works ... | 4 per cent. ... | 25,00,000 0 0 | ...... | 25,00,000 0 0 | (b) ...... | 25,00,000 0 0 |
| 15 | 20 Lakhs Loan for Plague purposes.. | 4 per cent. ... | 10,500 0 0 | ...... | 10,500 0 0 | (c) 7,000 0 0 | 3,500 0 0 |
| 16 | 19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works. | 4 per cent. ... | 19,25,000 0 0 | ...... | 19,25,000 0 0 | (b) ...... | 19,25,000 0 0 |
| 17 | 24¾ Lakhs Loan for certain Sewerage and Water Works ... ... | 4 per cent. ... | 24,75,000 0 0 | ...... | 24,75,000 0 0 | (b) ...... | 24,75,000 0 0 |
| 18 | 12¾ Lakhs Loan for certain Water Works ... ... ... ... | 4 per cent. ... | 12,75,000 0 0 | ...... | 12,75,000 0 0 | (b) ...... | 12,75,000 0 0 |
| 19 | The 2nd 24¾ Lakhs Loan for certain Sewerage Works ... ... ... | 4 per cent. ... | 24,75,000 0 0 | ...... | 24,75,000 0 0 | (b) ...... | 24,75,000 0 0 |
| 20 | 13½ Lakhs Loan for the construction of quarters for Halalkhores and Biggaries ... ... ... ... | 4 per cent. ... | 13,50,000 0 0 | ...... | 13,50,000 0 0 | (b) ...... | 13,50,000 0 0 |
| 21 | The 15 Lakhs Loan for Street Improvements ... ... ... | 4 per cent. ... | 15,00,000 0 0 | ...... | 15,00,000 0 0 | (b) ...... | 15,00,000 0 0 |
| 22 | The 30 Lakhs Loan for the acquisition of sites for the construction of Overbridges ... ... ... | 4 per cent. ... | 30,00,000 0 0 | ...... | 30,00,000 0 0 | (b) ...... | 30,00,000 0 0 |
| 23 | The 55 Lakhs Loan for Drainage, Sanitary, Water and other Miscellaneous Works ... ... ... | 4 per cent. ... | 55,00,000 0 0 | ...... | 55,00,000 0 0 | (b) ...... | 55,00,000 0 0 |
| 24 | The 70 Lakhs Loan for re-duplication of Tansa Main and other Auxiliary Works ... ... ... | 4 per cent. ... | 70,00,000 0 0 | ...... | 70,00,000 0 0 | (b) ...... | 70,00,000 0 0 |
| 25 | The 20 Lakhs Loan for Street Improvements ... ... ... | 4 per cent. ... | 20,00,000 0 0 | ...... | 20,00,000 0 0 | (b) ...... | 20,00,000 0 0 |
| 26 | The 43 Lakhs Loan for Drainage, Water, Roads and Miscellaneous Works ... ... ... ... | 4 per cent. ... | 43,00,000 0 0 | ...... | 43,00,000 0 0 | (b) ...... | 43,00,000 0 0 |
| 27 | The 40 Lakhs Loan for the Construction of Sanitary Buildings acquisition of lands for Street Improvements and for executing drainage and water works... ... | 6 per cent. .. | 40,00,000 0 0 | ...... | 40,00,000 0 0 | (b) ... | 40,00,000 0 0 |
| 28 | The 10 Lakhs Loan for the Conversion of the Storm water Reservoir at Clerk Road into a Public Park. | 5 per cent. ... | 10,00,000 0 0 | ...... | 10,00,000 0 0 | (b) ...... | 10,00,000 0 0 |
| 29 | The 30 Lakhs Loan for the Construction of Building and Drainage Works and the acquisition of land for different purposes ... ... | 4 per cent. ... | 30,00,000 0 0 | ...... | 30,00,000 0 0 | (b) ..... | 30,00,000 0 0 |
| 30 | 12 months' Bill Loan for Levelling, Metalling Private Streets ... ... | ........ | ...... | 5,00,000 0 0 | 5,00,000 0 0 | ...... | 5,00,000 0 0 |
| | Total of Loans raised from the Public ... | Rs. ... | 7,77,62,500 0 0 | 5,00,000 0 0 | 7,82,62,500 0 0 | 4,05,000 0 0 | 7,78,57,500 0 0 |
| | GRAND TOTAL ... | " ... | 9,47,76,866 14 9 | 1,70,00,000 0 0 | 11,17,76,866 14 9 | 4,39,016 13 0 | 11,13,37,850 1 9 |

M. R. TAMBE,
Acting Chief Accountant.

## No. 9.

the sums set aside as Sinking Fund at 31st March 1923.

| Interest paid in 1922-23. 8 | Total of columns Nos. 6 and 8. 9 |
|---|---|
| Rs. a. p. | Rs. a. p. |
| 79,959 8 0 | 1,13,976 0 0 |
| 3,77,492 14 4 | 3,77,492 14 4 |
| 7,31,288 12 8 | 7,31,288 12 8 |
| 8,280 13 0 | 8,280 13 0 |
| ......... | ......... |
| 11,97,021 11 0 | 12,31,038 8 0 |
| 10,762 8 0 | 13,262 8 0 |
| 2,05,512 8 0 | 2,05,512 8 0 |
| 34,787 8 0 | 34,787 8 0 |
| 7,41,025 0 0 | 7,41,025 0 0 |
| 64,887 8 0 | 64,887 8 0 |
| 48,075 0 0 | 48,075 0 0 |
| 14,100 0 0 | 14,100 0 0 |
| 1,74,350 0 0 | 1,74,350 0 0 |
| 40,000 0 0 | 40,000 0 0 |
| 17,750 0 0 | 4,18,250 0 0 |
| 1,67,290 0 0 | 1,67,290 0 0 |
| 93,860 0 0 | 93,860 0 0 |
| 57,582 8 0 | 57,582 8 0 |
| 99,200 0 0 | 99,200 0 0 |
| 360 0 0 | 7,360 0 0 |
| 74,940 0 0 | 74,940 0 0 |
| 97,470 0 0 | 97,470 0 0 |
| 51,590 0 0 | 51,590 0 0 |
| 95,940 0 0 | 95,940 0 0 |
| 52,970 0 0 | 52,970 0 0 |
| 61,240 0 0 | 61,240 0 0 |
| 1,18,970 0 0 | 1,18,970 0 0 |
| 2,06,920 0 0 | 2,06,920 0 0 |
| 2,96,020 0 0 | 2,96,020 0 0 |
| 79,830 0 0 | 79,830 0 0 |
| 1,72,000 0 0 | 1,72,000 0 0 |
| 2,40,390 0 0 | 2,40,390 0 0 |
| 50,000 0 0 | 50,000 0 0 |
| 1,20,000 0 0 | 1,20,000 0 0 |
| ......... | ......... |
| 34,87,772 8 0 | 38,92,772 8 0 |
| 46,84,794 8 0 | 51,23,311 0 0 |

| Particulars of Loans. | Amount of Sinking Fund invested upto 31st March 1922. | Sinking Fund Instalments paid in 1922-23. | Interest accumulations invested in 1922-23. | Total. |
|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| *I.—5 per cent. Loans.* | | | | |
| 44 Lakhs Sanitary Works Loan ... ... ... | 81,31,613 3 0 | 40,775 1 0 | 1,27,188 14 11 | 32,99,577 2 11 |
| 7 Do. do. do. do. ... ... .. | 5,16,021 13 0 | 7,902 9 4 | 20,754 4 11 | 5,44,678 11 3 |
| 147 Do. Tansa Water Works Loan ... ... ... | 30,49,556 13 10 | 64,774 4 2 | 1,19,391 1 6 | 32,33,722 3 6 |
| 12 Do. Drainage and Water Works Loan ... ... | 8,95,455 0 11 | 12,293 2 8 | 36,658 4 0 | 9,44,401 7 7 |
| Rs. 10,08,500 Miscellaneous Works Loan ... ... | 7,14,092 0 7 | 11,665 3 11 | 28,589 6 11 | 7,54,346 11 5 |
| Rs. 2,48,000 Agripada House Sullage Water Connections Loan ... ... ... ... ... ... | 1,72,306 9 9 | 2,569 13 0 | 6,936 5 11 | 1,81,812 12 8 |
| 35 Lakhs Various Sanitary Works Loan ... ... | 22,83,702 6 1 | 42,331 10 4 | 88,316 2 0 | 23,64,350 2 5 |
| 8 Do. Municipal Office Building Loan ... ... | 4,86,946 2 7 | 9,096 11 1 | 19,464 4 6 | 5,15,507 2 2 |
| 10 Do. Loan for the conversion of the Storm-water Reservoir at Clerk Road into a Public Park. | 5,206 9 3 | 5,089 0 0 | 270 0 8 | 10,565 9 11 |
| Total I ... | 1,12,04,900 11 0 | 1,96,497 7 6 | 4,47,563 13 4 | 1,18,48,961 15 10 |
| | | 6,44,061 4 10 | | |
| In Public Securities as detailed in Appendix No. 6-A. | 1,12,04,800 0 0 | 6,44,000 0 0 | | 1,18,48,800 0 0 |
| Cash deposited with the Imperial Bank of India ... | 100 11 0 | 61 4 10 | | 161 15 10 |
| *II.—4 per cent. Loans. (3½ per cent. basis).* | | | | |
| 4½ Lakhs Fire Brigade Quarters and Stations Loan... | 4,26,075 11 6 | 8,430 1 5 | 15,494 8 1 | 4,50,000 0 0 |
| 42 Lakhs Loan for repayment of Balance of Government Consolidated Loan ... ... ... ... | 38,43,901 8 1 | 77,328 11 5 | 1,40,215 1 8 | 40,61,445 5 2 |
| 28¼ Lakhs Loan for Drainage and other Works ... | 11,43,548 14 9 | 27,563 5 6 | 41,363 0 10 | 12,12,475 5 1 |
| 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and Certain Water Works (2nd instalment) ... ... ... ... ... | 2,77,310 6 8 | 6,821 6 0 | 10,610 10 10 | 2,94,742 7 6 |
| 25 Lakhs Loan for Sewerage, Water, &c., Works ... | 9,52,769 13 5 | 29,264 9 9 | 34,406 6 5 | 10,16,440 13 7 |
| 19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works... ... ... ... ... ... | 6,97,936 2 1 | 22,503 8 8 | 25,297 15 5 | 7,45,737 5 2 |
| 24¾ Lakhs Loan for Sewerage and Water Works ... | 7,26,891 11 9 | 29,251 2 0 | 26,489 4 8 | 7,82,632 2 5 |
| 12¾ Lakhs Loan for certain Water Works ... ... | 5,69,995 14 9 | 24,513 2 11 | 19,795 4 4 | 6,14,304 6 0 |
| 30 Lakhs Loan for the construction of Buildings, Drainage Works and the acquisition of land for different purposes. ... ... ... ... ... | 58,219 8 3 | 58,113 0 0 | 1,430 13 1 | 1,17,763 5 4 |
| 2nd 24¾ Lakhs Loan for Sewerage Works ... ... | The Sinking Fund of this Loan, is shown under a separate head below, it having been decided that the investment should be on a 3 per cent. basis. | | | |
| Total II ... | 86,96,649 11 3 | 2,83,788 10 8 | 3,15,102 12 4 | 92,95,541 2 3 |
| | | 5,98,891 7 0 | | |
| In Public Securities as detailed in Appendix No. 6-A. | 86,96,575 0 0 | 5,98,525 0 0 | | 92,95,100 0 0 |
| *Less*—Withdrawn for repayment of the 4½ Lakhs Loan for Fire Brigade Quarters and Stations ... ... ... ... .. | ...... | —4,50,000 0 0 | | —4,50,000 0 0 |
| | 86,96,575 0 0 | 1,48,525 0 0 | | 88,45,100 0 0 |
| *Add*—Cash with the Imperial Bank of India .. | 74 11 8 | 866 6 7 | | 441 2 3 |
| *III.—4 per cent. Loans (3 per cent. basis).* | | | | |
| 2nd 24¾ Lakhs Loan for Sewerage Works ... ... | 6,18,193 14 7 | 32,673 9 2 | 18,435 0 2 | 6,69,302 7 11 |
| 18½ Lakhs Loan for the construction of quarters for Halalkhores and Biggaries ... ... ... ... | 4,50,414 14 1 | 28,274 5 7 | 13,875 11 10 | 4,92,564 15 6 |
| 15 Lakhs Loan for Street Improvements ... ... | 2,86,990 12 8 | 19,828 3 0 | 8,855 15 9 | 3,15,674 15 5 |
| 30 Lakhs Loan for acquisition of sites for Overbridges | 5,70,124 15 10 | 35,812 4 10 | 17,559 12 2 | 6,23,497 0 10 |
| 65 Lakhs Loan for Drainage, Sanitary, Water and other Miscellaneous Works ... ... ... ... | 10,96,567 14 6 | 1,24,859 13 5 | 33,706 6 4 | 12,55,134 2 3 |
| 70 Lakhs Loan for re-duplication of Tansa Main and other auxiliary works ... ... ... .. | 6,09,272 4 9 | 77,930 2 5 | 18,763 15 3 | 7,05,966 6 5 |
| 20 Lakhs Loan for Street Improvements ... ... | 1,74,557 10 10 | 26,489 9 0 | 5,511 6 3 | 2,06,558 10 1 |
| 43 Lakhs Loan for Drainage, Water, Roads and Miscellaneous Works ... ... ... ... ... | 5,94,816 9 5 | 90,264 3 7 | 18,780 5 3 | 7,03,861 2 3 |
| Total III ... | 44,00,939 0 8 | 4,36,132 3 0 | 1,35,488 9 0 | 49,72,559 12 8 |
| | | 5,71,620 12 0 | | |
| In Public Securities as detailed in Appendix No. 6-A | 44,00,900 0 0 | 5,71,500 0 0 | | 49,72,400 0 0 |
| Cash deposited with the Imperial Bank of India ... | 39 0 8 | 120 12 0 | | 159 12 8 |
| *IV.—3½ per cent. Loans.* | | | | |
| 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c. Roads, Burial Ground and certain Water Works (1st instalment) ... ... ... ... ... | 4,58,471 8 0 | 10,921 14 0 | 16,489 9 8 | 4,85,882 15 8 |
| | | 27,411 7 8 | | |
| In Public Securities as detailed in Appendix No. 6-A, | 4,58,201 9 0 | 27,400 0 0 | | 4,85,601 9 0 |
| Cash deposited with the Imperial Bank of India ... | 269 15 0 | 11 7 8 | | 281 6 8 |
| *V.—6 and 6½ per cent. Loans (4 per cent. basis.)* | | | | |
| 40 Lakhs Loan for Sanitary Buildings, &c. ... ... | 1,48,390 12 5 | 69,651 5 4 | 5,224 6 6 | 2,23,266 8 3 |
| 50 Lakhs Loan for Sanitary, Water Works ... ... | 90,489 1 3 | 89,150 0 0 | 3,335 13 7 | 1,82,974 14 10 |
| 1½ Crores Loan for Water Works, Roads & Overbridges | ...... | 2,67,450 0 0 | *Cr.* 1,332 10 1 | 2,66,117 5 11 |
| | 2,38,879 13 8 | 4,26,251 5 4 | 7,227 10 0 | 6,72,358 13 0 |
| | | 4,33,478 15 4 | | |
| In Public Securities as detailed in Appendix No. 6-A. | 2,38,800 0 0 | 33,500 0 0 | | 6,72,300 0 0 |
| Cash deposited with the Imperial Bank of India ... | 79 13 8 | —21 0 8 | | 58 13 0 |
| GRAND TOTAL I, II, III, IV and V ... | 2,49,99,840 12 7 | 13,53,591 8 6 | 9,21,872 6 4 | 272,75,304 11 5 |
| *Less*—Withdrawn for repayment of 4½ Lakhs Loan for Fire Brigade Quarters ... ... ... ... | | | | —4,50,000 0 0 |
| Total Rs. ... | | | | 2,68,25,304 11 5 |

| | | |
|---|---|---|
| (a) | Amount unpaid on 31st March 1922 | 6,50[illegible] |
| | Written off as time barred on account of not having been claimed for over six years | 2,500 |
| | Balance outstanding | 4,000 |

Represented by the following debentures:—
No. 4891 for Rs. 500 repayable on 1st January 1918, Nos. 5322 to 5327 and 5329 for Rs. 500 each repayable on 1st January 1919.

(b) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been invested as shown in detail.

| | | Rs. | a. | p. |
|---|---|---|---|---|
| (c) | Amount unpaid on 31st March 1922 | 10,500 | 0 | 0 |
| | Repaid in 1922-23 | 7,000 | 0 | 0 |
| | Balance outstanding (held in General Fund) | 3,500 | 0 | 0 |

Represented by Nos. 3324-25 for Rs 500 each ; 01052 for Rs. 500 ; 01138-9 for Rs. 1,000 each.

| | | |
|---|---|---|
| (d) | Amount of 4½ Lakhs Loan due for repayment on 1st January 1923 | Rs. 4,50,000 |
| | *Less*—Repaid up to 31st March 1923 | „ 3,95,500 |
| | Balance outstanding (held in General Fund) | Rs. 54,500 |

Represented by Nos 764 for Rs. 500, 00007, 00056-58, 00064, 00065 for Rs. 1,000 each ; 00102 for Rs. 500, 00103-5, 00109 for Rs. 1,000 each ; 00113, 00132 for Rs. 500 each ; 00133-46 for Rs. 1,000 each ; 00161 for Rs 500, 00162 for Rs. 1,000 ; 00173 for Rs. 500, 00204, 00223, 00227, 00229-30 for Rs. 1,000 each ; 00231-33 for Rs. 500 each ; 00234-35, 00248 for Rs. 1,000 each ; 00311, 00316, 00326, 00328 00331-32 for Rs. 500 each ; 00338, 00343.45 for Rs. 1,000 each ; 00347 for Rs. 500 00348 for Rs. 1,000, 00349 for Rs. 6,000, 00350 for Rs. 500, 00366-67 for Rs. 1,000 each.

H. B. CLAYTON,
Municipal Commissioner.

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## Appendix

### SINKING

STATEMENT showing the Actual Investments on account of the Sinking Fund of Different
that date on the basis

| Name of Loan. | Amount raised. | When repayable. | Amount of Annual Sinking Fund Instalment. | Date when Sinking Fund commenced. |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |
| | Rs. | Rs. | Rs. | |
| *5 per cent. Municipal Loans.* | | | † | |
| 44 Lakhs Sanitary Works Loan .. ... ... | 44,00,000 | 1st July 1886 7,000<br>1st „ 1887 4,43,000<br>1st „ 1890 51,000<br>1st „ 1895 1,60,000<br>1st „ 1925 37,39,000 | 41,872 | ...... * |
| 147 Lakhs Tansa Water Works Loan ... ... | 1,47,00,000 | (a) Between 1st January 1928 and 1st Jan. 1953. | 66,040 | 1st January 1893 ... |
| 7 Lakhs Sanitary Works Loan ... ... ... | 7,00,000 | 1st February 1928 ... | 8,170 | 1st February 1889... |
| 12 Lakhs Drainage and Water Works Loan ... | 12,00,000 | 1st January 1928 ... | 12,616 | 1st January 1889 ... |
| Rs. 10,08,500 Miscellaneous Works Loan ... | 10,08,500 | 1st October 1928 ... | 11,940 | 1st October 1889 ... |
| Rs. 2,48,000 Agripada House Sullage Water Connections Loan. | 2,48,000 | 1st July 1929 ... | 2,659 | 1st January 1891 ... |
| 35 Lakhs various Sanitary Works Loan ... | 35,00,000 | 1st July 1930 ... | 43,061 | 1st July 1891 ... |
| 8 Lakhs Municipal Office Building Loan ... | 8,00,000 | 1st July 1931 ... | 9,293 | 1st July 1892 ... |
| 10 Lakhs Loan for the Conversion of S. W. Reservoir at Clerk Road into a Public Park. | 10,00,000 | 1st July 1930 ... | 5,089 | 1st July 1921 ... |
| *4 per cent. and 3½ per cent. Municipal Loans (3½ per cent. basis.)* | | | | |
| 4½ Lakhs Fire Brigade Quarters and Stations Loan. | 4,50,000 | 1st January 1923 ... | 8,570 | 1st January 1894 ... |
| 42 Lakhs Loan for the repayment of the balance of Government Consolidated Loan. | 42,00,000 | 1st July 1923 ... | 80,678 | 1st July 1894 ... |
| 23¼ Lakhs Loan for Drainage and other Works. | 23,25,000 | 1st July 1935 ... | 27,467 | 1st July 1896 ... |
| 15¾ Lakhs Loan for Sewerage, Wari Bunder, etc., Roads, Burial Ground and certain Water Works— | | | | |
| 1st Instalment ... ... ... ... | 10,00,000 raised at 3½ per cent. | 1st July 1936 ... | 11,147 | 1st July 1897 ... |
| 2nd do. ... ... ... ... | 5,75,000 raised at 4 per cent. | | 7,286 | |
| 25 Lakhs Loan for Sewerage, Water, etc., Works. | 25,00,000 | 1st November 1939 ... | 29,535 | 1st November 1900. |
| 19¼ Lakhs Loan for Sewerage Roads and other Sanitary Works. | 19,25,000 | 1st June 1940 ... | 22,698 | 1st June 1901 ... |
| 24¾ Lakhs Loan for certain Sewerage and Water Works. | 24,75,000 | 1st June 1943 ... | 29,286 | 1st June 1904 ... |
| 12¾ Lakhs Loan for certain Water Works ... | 12,75,000 | 1st August 1934 ... | 24,698 | 1st August 1905 ... |
| 30 Lakhs Loan for Buildings, Drainage Works, &c. | 30,00,000 | 1st January 1951 ... | 58,113 | 1st January 1922 ... |
| *4 per cent. Municipal Loans (3 per cent. basis).* | | | | |
| 2nd 24¾ Lakhs Loan for Sewerage Works ... | 24,75,000 | 1st August 1946 ... | 32,823 | 1st August 1907 ... |
| 13½ Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries. | 13,50,000 | 1st May 1938 ... | 28,376 | 1st May 1909 ... |
| 15 Lakhs Loan for Street Improvements ... | 15,00,000 | 1st May 1949 ... | 19,893 | 1st May 1910 ... |
| 30 Lakhs Loan for the acquisition of sites, for the construction of various overbridges in the City. | 30,00,000 | 1st May 1949 ... | 39,787 | 1st November 1910. |
| 55 Lakhs Loan for Miscellaneous Works ... | 55,00,000 | 1st June 1942 ... | 1,21,632 | 1st June 1914 ... |
| 70 Lakhs Loan for reduplication of Tansa Main and other auxiliary works. | ¶70,00,000 | ......... | 78,148 | 1st June 1915 ... |
| 20 Lakhs Loan for Street Improvements ... | 20,00,000 | 1st May 1955 ... | 26,524 | 1st May 1916 ... |
| 43 Lakhs Loan for Drainage, Water and Miscellaneous Works. | 43,00,000 | 1st May 1945 ... | 90,382 | 1st May 1916 ... |
| *6 and 6½ per cent. Municipal Loans (4 per cent. basis).* | | | | |
| 40 Lakhs Loan for the construction of Sanitary Buildings, acquisition of lands for Street Improvements and for executing Drainage and Water Works. | 40,00,000 | 19th December 1949 or any prior date after the 18th December 1929 to be fixed by 6 months' public notice. | 71,320 | 1st December 1920. |
| 50 Lakhs Loans for Sanitary Drainage, Water, Roads, &c., Works. | 50,00,000 | 1st November 1950 at the option of the Corporation on or after 1st November 1935. | 89,150 | 1st November 1921. |
| 1st Instalment of 75 Lakhs Loan out of 1½ crores Loan for Water Works Roads and overbridges, Drainage, Sewerage, etc., Works. | 75,00,000 | 1st November 1951 or at the option of the Corporation on or after 1st November 1936. | 2,67,450 | 1st November 1922 |
| 2nd Intalment of Rs 75 Lakhs out of 1½ crores Loan for Water Works Roads and overbridges, Drainage, Sewerage, etc., Works. | 75,00,000 | (A) 1st January 1953 or at the option of the Corporation on or after 1st January 1938. | | |
| 140 Lakhs Loan for Water Works Roads and Overbridges, Fire Brigade Quarters. | 1 15,00,000 | Government orders awaited. | ...... | ..... * |

*Less*—Repayment of 4½ Lakhs Loan for Fire Brigade Quarters and Stations—

. Total Rs. ...

¶ Rs 49,40,000 repayable on 1st June 1954.
„ 20,60,000 „ „ 1st June 1974.

A.—Pending approval of Government

M. R. TAMBE,
Acting Chief Accountant

# No. 10.

## FUND.

Loans up to 31st March 1923, compared with the amounts which should have accumulated upto of the Fixed Instalments.

| Amount of Sinking Fund which should have accumulated up to 31st March 1923 at Compound Interest. | Amount actually invested up to 31st March 1923. | | | Amount of Interest due up to 31st March 1923 collected and invested in 1923-24. | | | Total of Columns 7 and 8. | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 7 | | | 8 | | | 9 | | | 10 |
| Rs. | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. | † All the Sinking Fund Instalments were re-arranged during 1906-07 on a 3½ per cent. basis as per Corporation Resolution No. 4946 of 9th February 1905.<br>* As Rs. 6,61,000 of this Loan were paid off by 31st December 1895, leaving a balance of Rs. 37,39,000 repayable on 1st July 1925, and as the Invested Sinking Fund on 31st March 1896 amounted to Rs. 4,51,047-15-5, the amount of the Annual Sinking Fund Instalment was reduced from Rs. 37,000 to Rs. 30,550 from 1st January 1897.<br>(a) Rs. 2,00,000 repayable on 1-1-1928.<br>" 52,91,500 " " 1-1-1933.<br>" 22,08,500 " " 1-1-1943.<br>" 17,00,000 " " 1-1-1946.<br>" 10,00,000 " " 1-1-1948.<br>" 43,00,000 " " 1-1-1953. |
| 33,58,540 | 32,99,577 | 2 | 11 | 59,527 | 11 | 0 | 33,59,104 | 13 | 11 | |
| 32,92,147 | 32,33,722 | 3 | 6 | 55,327 | 11 | 9 | 32,89,049 | 15 | 3 | |
| 5,50,004 | 5,44,678 | 11 | 3 | 5,489 | 1 | 2 | 5,50,167 | 12 | 5 | |
| 9,53,024 | 9,44,401 | 7 | 7 | 9,797 | 6 | 1 | 9,54,198 | 13 | 8 | |
| 7,62,217 | 7,54,346 | 11 | 5 | 9,380 | 4 | 6 | 7,63,726 | 15 | 11 | |
| 1,83,651 | 1,81,812 | 12 | 8 | 1,889 | 9 | 11 | 1,83,702 | 6 | 7 | |
| 23,89,665 | 23,64,350 | 2 | 5 | 28,731 | 7 | 2 | 23,93,081 | 9 | 7 | |
| 5,20,457 | 5,15,507 | 2 | 2 | 5,169 | 0 | 2 | 5,20,676 | 2 | 4 | |
| 10,628 | 10,565 | 9 | 11 | 61 | 8 | 11 | 10,627 | 2 | 10 | |
| 4,50,000 | 4,50,000 | 0 | 0 | ...... | | | 4,50,000 | 0 | 0 | |
| 41,09,578 | 40,61,445 | 5 | 2 | 54,293 | 11 | 11 | 41,15,739 | 1 | 1 | |
| 12,27,584 | 12,12,475 | 5 | 1 | 13,989 | 5 | 11 | 12,26,464 | 11 | 0 | |
| 4,89,659 | 4,85,882 | 15 | 8 | 4,065 | 6 | 1 | 4,89,948 | 5 | 9 | |
| 2,97,899 | 2,94,742 | 7 | 6 | 4,230 | 5 | 4 | 2,98,972 | 12 | 10 | |
| 10,27,806 | 10,16,440 | 13 | 7 | 11,944 | 10 | 3 | 10,28,385 | 7 | 10 | |
| 7,54,670 | 7,45,737 | 5 | 2 | 9,222 | 7 | 9 | 7,54,959 | 12 | 11 | |
| 7,90,929 | 7,82,632 | 2 | 5 | 9,331 | 4 | 8 | 7,91,963 | 7 | 1 | |
| 6,22,086 | 6,14,304 | 6 | 0 | 6,531 | 1 | 0 | 6,20,835 | 7 | 0 | |
| 1,19,295 | 1,17,763 | 5 | 4 | 1,022 | 14 | 7 | 1,18,786 | 3 | 11 | |
| 6,74,839 | 6,69,302 | 7 | 11 | 4,409 | 1 | 6 | 6,73,711 | 9 | 5 | |
| 4,98,174 | 4,92,564 | 15 | 6 | 5,700 | 5 | 1 | 4,98,265 | 4 | 7 | |
| 3,19,228 | 3,15,674 | 15 | 5 | 3,624 | 9 | 7 | 3,19,299 | 9 | 0 | |
| 6,29,151 | 6,23,497 | 0 | 10 | 7,158 | 8 | 0 | 6,30,655 | 8 | 10 | |
| 12,66,564 | 12,55,134 | 2 | 3 | 11,434 | 2 | 0 | 12,66,568 | 4 | 3 | |
| 7,12,291 | 7,05,966 | 6 | 5 | 6,148 | 2 | 1 | 7,12,114 | 8 | 6 | |
| 2,08,828 | 2,06,558 | 10 | 1 | 2,244 | 15 | 1 | 2,08,803 | 9 | 2 | |
| 7,11,594 | 7,03,861 | 2 | 3 | 7,651 | 10 | 6 | 7,11,512 | 12 | 9 | |
| 2,25,601 | 2,23,266 | 8 | 3 | 2,625 | 7 | 5 | 2,25,891 | 15 | 8 | |
| 1,84,897 | 1,82,974 | 14 | 10 | 2,002 | 0 | 4 | 1,84,976 | 15 | 2 | |
| 2,71,908 | 2,66,117 | 5 | 11 | 5,321 | 13 | 7 | 2,71,439 | 3 | 6 | |
| ...... | ...... | | | ...... | | | ...... | | | |
| 2,76,12,914 | 2,72,75,304 | 11 | 5 | 3,48,325 | 11 | 4 | 2,76,23,630 | 6 | 9 | |
| — 4,50,000 | 4,50,000 | 0 | 0 | ...... | | | — 4,50,000 | 0 | 0 | |
| 2,71,62,914 | 2,68,25,304 | 11 | 5 | 3,48,325 | 11 | 4 | 2,71,73,630 | 6 | 9 | |

H. B. CLAYTON,
Municipal Commissioner.

# Appendix

STATEMENT showing the Interest outstanding on 1st April 1922 on the different of India during that year, and the

| | Name of each Loan. | Dates when raised. | AUTHORITY. | |
|---|---|---|---|---|
| | | | Corporation Resolution. | Government Resolution. |
| | *5 per cent. Loans.* | | | |
| 1 | Drainage Loan of 1878 (Rs. 26,94,000) ... | 1st November and 1st December 1878. | No. 1296 / 10-9-78. | No. 2951 / 28-9-78. |
| 2 | The Sanitary Works Loan of 1885-86 (Rs. 44,00,000). | Between 5th May 1885 and 30th March 1886. | Nos. 9021 / 8-12-81, 905 / 12-3-82 and 438 / 18-5-83 | Nos. 2669 / 17-7-82, 384 / 2-2-83, 3771 / 19-10-83, 460 / 4-2-84 and 124 / 27-4-85. |
| 3 | The Sanitary Works Loan of 1888 (Rs. 7,00,000). | 1st February 1888 ... ... | No. 199 / 13-10-86. | No. 1427 / 4-5-88. |
| 4 | The Tansa Water Works Loan (Rs. 1,47,00,000). | Between 5th June 1886 and 24th December 1891. | Nos. 1312 / 13-11-85 and 845 / 9-4-91. | Nos. 561 / 12-2-86, 1008 / 16-3-86, 1930 / 31-5-86, 2876 / 21-9-87, 3978 / 21-7-88, 4198 / 8-10-89, 3392 / 28-8-90 and 3262-63 / 15-9-91. |
| 5 | The Drainage and Water Works Loan of 1888 (Rs. 12,00,000). | 1st January and 1st July 1888 ... | Nos. 894 / 20-7-87 and 1145 / 8-9-87. | No. 873 / 16-3-88. |
| 6 | The Miscellaneous Works Loan, 1888-89 (Drainage and Water Works, Markets and Roads) (Rs. 10,08,500). | Between 1st November 1888 and 1st July 1889. | No. 29 / 4-4-88. | Nos. 4937 / 7-9-88, 3280 / 19-9-89, 4198 / 24-11-88 |
| 7 | The Agripada House Sullage and Water Connections Loan of 1889-90 (Rs. 2,48,000). | Between 1st January and 1st July 1890. | No. 4688 / 8-10-86. | Nos. 6547 / 28-12-89 and 17 / 3-1-90. |
| 8 | The Various Sanitary Works Loan of 1890-91 (Rs. 35,00,000) | Between 25th September 1890 and 1st January 1892. | Nos. 29 / 4-4-88, 5293 / 19-11-88, 5605 / 7-1-89, 572 / 13-5-89, 5152 / 25-11-89, 6235 / 23-1-90, 433 / 17-4-90 and 1488 / 22-5-90. | No. 3892 / 23-8-90. |
| 9 | The Municipal Building Loan of 1891 (Rs. 8,00,000). | 24th December 1891 ... ... | No. 11551 / 9-2-91. | No. 3262 / 15-9-91. |
| 10 | The 10 Lakhs Loan for the Conversion of S. W. Reservoir at Clerk Road into a Public Park. | 2nd July 1920 ... ... ... | No. 4921 / 18-9-19. | No. 4797 / 22-4-20. |
| | *4 per cent. Loans.* | | | |
| 11 | The Loan for Fire Brigade Quarters and Stations (Rs. 4,50,000). | 23rd December 1892, 30th November and 1st December 1893. | No. 5144 / 8-8-92. | Nos. 1028 / 29-3-92, 2501 / 14-6-92, 2164 / 28-6-92 and 3145 / 6-9-92. |
| 12 | The Loan for repayment of the balance of the 4 per cent. Government Consolidated Loan (Rs. 42,00,000). | 28th and 29th June 1893 ... | No. 13956 / 23-3-93. | No. 1989 / 6-6-93. |
| 13 | The Loan for Drainage and other Works (Rs. 23,25,000). | 12th and 31st January 1894 and 11th and 15th July 1895. | No. 6222 / 28-9-93. | Nos. 809 / 3-3-94 and 3764 / 8-10-94. |
| 14 | The Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground, and certain Water Works (Rs. 15,75,000 of which the 2nd instalment of Rs. 5,75,000 was raised at 4 per cent.). | 17th July 1899 ... ... ... | Nos. 504 / 12-4-94, 13697 / 7-3-95, 8992 / 7-11-95, 8976 / 7-11-95, 12034/5 / 4-2-97 and 14435 / 25-3-97. | Nos. 3501 / 22-8-95, 883 / 22-2-96, 2320 / 3-6-99 and 2643 / 23-6-99 |
| 15 | The Loan for Sewerage and other Sanitary Works (Rs. 25,00,000). | 17th and 18th July 1899 ... | Nos. 8976 / 7-11-95, 12034/5 / 4-2-97 and 14435 / 25-3-97. | Nos. 3841 A / 28-8-97, Telegram / 26-7-98 and 2320 / 3-6-99. |
| 16 | The Loan for Plague purposes (Rs. 20,00,000). | 6 lakhs between 15th July and 20th Dec. 1899, 6 lakhs in Nov. 1900 and 8 lakhs between 12th Aug. and 9th Oct. 190 | No. 8099 / 6-12-97. | Nos. 4960 / 5-9-98 and 2560 / 16-9-99. |
| 17 | The Loan for Sewerage, Roads and other Sanitary Works (Rs. 19,25,000). | 18th and 19th July 1899 and September 1900. | No. 628 / 18-4-98. | Nos. 4960 / 5-9-98 and 2540 / 16-6-99. |

## No. 11.

Loans, the amounts payable for the year 1922-1923, the amounts paid by the Imperial Bank Balances outstanding on 31st March 1923.

| Date when Loan is repayable. | Interest outstanding on 1st April 1922. | Interest payable in 1922-1923. | Total Interest due. | *Deduct*—Interest paid by the Imperial Bank of India. | Outstanding Balance on 31st March 1923. |
|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1st January 1919 | 987 8 0 | 10,887 8 0 | 11,875 0 0 | 10,762 8 0 | 675 0 0<br>437 8 0* |
| 1st July 1925 | 45,937 8 0 | 1,86,950 0 0 | 2,32,887 8 0 | 2,05,512 8 0 | 27,375 0 0 |
| 1st February 1928 | 5,062 8 0 | 35,000 0 0 | 40,062 8 0 | 34,787 8 0 | 5,275 0 0 |
| Between 1st January 1928 and 1st January 1953. | 78,250 0 0 | 7,35,000 0 0 | 8,13,250 0 0 | 7,41,025 0 0 | 72,225 0 0 |
| 1st January 1928 | 9,637 8 0 | 60,000 0 0 | 69,637 8 0 | 64,887 8 0 | 4,750 0 0 |
| 1st October 1928 | 8,725 0 0 | 50,425 0 0 | 59,150 0 0 | 48,075 0 0 | 11,075 0 0 |
| 1st July 1929 | 1,775 0 0 | 12,400 0 0 | 14,175 0 0 | 14,100 0 0 | 75 0 0 |
| 1st July 1930 | 28,600 0 0 | 1,75,000 0 0 | 2,03,600 0 0 | 1,74,350 0 0 | 29,250 0 0 |
| 1st July 1931 | ...... | 40,000 0 0 | 40,000 0 0 | 40,000 0 0 | ..... |
| 1st July 1980 | ...... | 50,000 0 0 | 50,000 0 0 | 50,000 0 0 | ...... |
| 1st January 1923 | 1,710 0 0 | 18,000 0 0 | 19,710 0 0 | 17,750 0 0 | 1,960 0 0 |
| 1st July 1923 | 15,190 0 0 | 1,68,000 0 0 | 1,83,190 0 0 | 1,67,290 0 0 | 15,900 0 0 |
| 1st July 1935 | 11,900 0 0 | 93,000 0 0 | 1,04,900 0 0 | 93,860 0 0 | 11,040 0 0 |
| 1st July 1936 | 450 0 0 | 23,000 0 0 | 23,450 0 0 | 22,690 0 0 | 760 0 0 |
| 1st November 1939 | 2,780 0 0 | 1,00,000 0 0 | 1,02,780 0 0 | 99,200 0 0 | 3,580 0 0 |
| 1st May 1920 | 1,480 0 0 | ...... | 1,480 0 0 | 360 0 0 | 1,120 0 0 |
| 1st June 1940 | 14,200 0 0 | 77,000 0 0 | 91,200 0 0 | 74,940 0 0 | 16,260 0 0 |
| Carried forward | 2,26,685 0 0 | 18,34,662 8 0 | 20,61,347 8 0 | 18,59,590 0 0 | 2,01,320 0 0<br>437 8 0* |

*To be treated as savings.

# Appendix

| | Name of each Loan. | Dates when raised. | AUTHORITY. | |
|---|---|---|---|---|
| | | | Corporation Resolution. | Government Resolution. |
| | *4 per cent. Loans*—contd. | | | |
| 18 | The Loan for certain Sewerage and Water Works (Rs. 24,75,000). | 6 lakhs between 15th June and 1st July 1901, 11 lakhs between 23rd Aug. and 31st October 1901, 4 lakhs between 19th Aug. and 28th Oct. 1902, and 3¾ lakhs on 9th Sept. 1903. | $\frac{\text{No. 1956}}{\text{14-5-1900.}}$ | $\frac{\text{No. 3427}}{\text{15-6-1901.}}$ |
| 19 | The Loan for certain Water Works (Rs. 12,75,000). | 1st September 1904 ... ... | $\frac{\text{No. 244}}{\text{23-4-03.}}$ | $\frac{\text{No. 4416}}{\text{22-8-04.}}$<br>$\frac{\text{No. 4004}}{\text{21-7-05}}$ and $\frac{\text{Telegram}}{\text{31-8-05.}}$<br>$\frac{\text{No. 4792}}{\text{5-8-07}}$ and $\frac{\text{Telegram}}{\text{31-7-07.}}$ |
| 20 | The 2nd 24¾ Lakhs Loan for certain Sewerage Works. | Rs. 12 lakhs on 3rd September 1905 and Rs. 12¾ lakhs on 9th September 1907. | | |
| 21 | The 13½ Lakhs Loan for the construction of quarters for Halalkhores and Biggaries. | 7th August 1908 ... ... ... | No. 2204 of 29-6-08 | $\frac{\text{No. 3447}}{\text{9-5-08.}}$ |
| 22 | The 15 Lakhs Loan for Street Improvements. | 29th July 1909 ... ... ... | No. 7558 of 20-3-07 | $\frac{\text{No. 5178}}{\text{17-8-08.}}$ |
| 23 | The 30 Lakhs Loan for the acquisition of sites for the construction of various overbridges in the City. | 29th July 1909 and 10th August 1910. | No. 181 of 8-4-09 | $\frac{\text{No. 3862}}{\text{28-7-09.}}$ |
| 24 | The 55 Lakhs Loan for Drainage Sanitary, Water and other Miscellaneous works. | 7th and 10th August and 1st November 1911 and 1st August 1913. | No. 6426 of 31-1-10 | $\frac{\text{No. 4680}}{\text{1-8-11}}$ and Telegram $\frac{\text{No. 4686-A.}}{\text{28-7-11}}$ |
| 25 | The 70 Lakhs Loan for the re-duplication of the Tansa Main and other Auxiliary Works. | 9th September 1913, 22nd July 1914 and 10th April 1915. | No. 4051 of 14-10-12 | $\frac{\text{No. 6159}}{\text{21-8-13}}$ and $\frac{\text{Telegram}}{\text{18-8-13.}}$ |
| 26 | The 20 Lakhs Loan for Street Improvement. | 9th September 1913 and 24th September 1915. | No. 4047 of 14-10-12 | Do. |
| 27 | Loan of Rs. 43 Lakhs for Drainage, Water, Roads and Miscellaneous works. | 1st August and 24th September 1915. | No. 4051 of 14-10-12 and No. 2608 of 26-7-15. | $\frac{\text{7586 (G. D.)}}{\text{1-10-15}}$ |
| 28 | 30 Lakhs Loan for Miscellaneous works | 1st November 1920 ... ... | Nos. $\frac{\text{4497}}{\text{16-10-16,}}$ $\frac{\text{3822}}{\text{4-9-18}}$ and $\frac{\text{4767}}{\text{15-9-19.}}$ | Nos. $\frac{\text{6776}}{\text{3-9-18,}}$ $\frac{\text{5830}}{\text{20-8-18}}$ and $\frac{\text{8787}}{\text{20-10-19.}}$ |
| | *3½ per cent. Loan.* | | | |
| | The Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works (Rs. 15,75,000, of which the 1st instalment of Rs. 10 lakhs was raised at 3½ per cent). | 1st December 1896 ... ... | (*Vide* Reso. Nos. against Loan No. 14.) | (*Vide* Reso. Nos. against Loan No. 14.) |
| | *6 and 6½ per cent. Loans.* | | | |
| 29 | The 46 Lakhs Loan for the construction of Sanitary Buildings, acquisition of lands, &c. | 3rd December 1919 ... .. | No. 2447 of 26-6-19. | $\frac{\text{Nos. 9151}}{\text{1-11-19}}$ and $\frac{\text{29}}{\text{3-1-20.}}$ |
| 30 | The 50 Lakhs Loan for Sanitary, Drainage Water, Roads, &c., Works. | 23rd November 1920 ... ... | No. 5754 of 8-9-1920. | $\frac{\text{Order No. 757}}{\text{16-11-1920.}}$ |
| 31 | 1st Instalment of Rs. 75 lakhs out of 1½ Crores Loan for Water Works, Roads and Overbridges, Drainage, Sewerage, &c., Works. | 5th November 1921 ... ... | No. 4593 of 22-8-21.<br>No. 5356 of 19-9-21.<br>No. 9758 of 2-2-22. | Resolution No. $\frac{\text{Sc. 634}}{\text{22-8-22}}$<br>Dev. Dept. |
| 32 | The 2nd Instalment of Rs. 75 lakhs out of 1½ Crores Loan for Water Works Roads and Overbridges, Drainage, Sewerage, &c., Works. | 31st March 1922 ... ... ...<br>1st September 1922 ... ...<br>26th October 1922 ... ... | | |
| 33 | 140 Lakhs Loan for Water Works Roads and Overbridges, &c. | 1st December 1922 ... ...<br>22nd January 1923 ... ...<br>23rd February 1923 ... ...<br>14th March 1923 ... ... | No. 6159 of 12-10-22 | Resolution No. $\frac{\text{Sc. 222}}{\text{19-2-23}}$<br>Dev. Dept. |

M. R. TAMBE,
Ag. Chief Accountant.

## No. 11—*continued.*

| Date when Loan is repayable. | Interest outstanding on 1st April 1922. | Interest payable in 1922-1923. | Total Interest due. | *Deduct*—Interest paid by the Imperial Bank of India. | Outstanding Balance on 31st March 1923. |
|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. p. p. | Rs. a. p. | Rs a. p. |
| Brought over Rs. ... | 2,26,685 0 0 | 18,34,662 8 0 | 20,61,347 8 0 | 18,59,590 0 0 | 2,01,320 0 0<br>437 8 0* |
| 1st June 1943 ... ... ... | 13,780 0 0 | 99,000 0 0 | 1,12,780 0 0 | 97,470 0 0 | 15,310 0 0 |
| 1st August 1934 ... ... ... | 3,160 0 0 | 51,000 0 0 | 54,160 0 0 | 51,590 0 0 | 2,570 0 0 |
| 1st August 1946 ... ... ... | 2,340 0 0 | 99,000 0 0 | 1,01,340 0 0 | 95,940 0 0 | 5,400 0 0 |
| 1st May 1938 ... ... ... | 10,120 0 0 | 54,000 0 0 | 64,120 0 0 | 52,970 0 0 | 11,150 0 0 |
| 1st May 1949 ... ... ... | 3,800 0 0 | 60,000 0 0 | 63,800 0 0 | 61,240 0 0 | 2,560 0 0 |
| 1st May 1949 ... ... ... | 22,830 0 0 | 1,20,000 0 0 | 1,42,830 0 0 | 1,18,970 0 0 | 23,860 0 0 |
| 1st June 1942 ... ... ... | ...... | 2,20,000 0 0 | 2,20,000 0 0 | 2,06,920 0 0 | 13,080 0 0 |
| 1st June 1954 and 1st June 1974 | 34,993 0 8 | 2,80,000 0 6 | 3,14,993 1 2 | 2,96,020 0 0 | 18,973 1 2 |
| 1st May 1955 ... ... ... | 1,130 0 0 | 80,000 0 0 | 81,130 0 0 | 79,830 0 0 | 1,300 0 0 |
| 1st May 1945 ... ... ... | ...... | 1,72,000 0 0 | 1,72,000 0 0 | 1,72,000 0 0 | ...... |
| 1st January 1951 ... ... | ...... | 1,20,000 0 0 | 1,20,000 0 0 | 1,20,000 0 0 | ...... |
| 1st July 1936 ... ... ... | 175 0 0 | 35,000 0 0 | 35,175 0 0 | 34,842 8 0 | 332 8 0 |
| 19th December 1949 or at the option of the Corporation on or after 19th December 1929. | 13,920 12 10 | 2,40,000 0 6 | 2,53,920 13 4 | 2,40,390 0 0 | 13,530 13 4 |
| 1st November 1950 or at the option of the Corporation on or after 1st November 1935. | ...... | 3,52,084 0 0<br>25,409 8 4 | 3,77,493 8 4 | 3,77,492 14 4 | 0 10 0* |
| 1st November 1951 or at the option of the Corporation on or after 1st November 1936. | 1,69,165 14 0 | 10,15,625 0 0 | 11,84,790 14 0 | † 7,31,288 12 8 | 4,53,502 1 4* |
| A<br>Not yet settled ... ... .. | ...... | 8,80,000 0 0 | 8,80,000 0 | † 8,280 13 0 | 8,71,719 3 0* |
| Total Rs. ... | 5,02,099 11 6 | 57,37,781 1 4 | 62,39,880 12 10 | 46,04,835 0 0 | 3,09,386 6 6<br>13,25,659 6 4* |

* To be treated as savings.

† Out of this Rs. 4,65,144-3-8 and Rs. 8,280-13-0 have been paid by this office direct.

A. *Vide* note at page 118.

H. B. CLAYTON,
Municipal Commissioner.

## Appendix No.
## WATER WORKS

### INCOME FOR 1922-23.

| | Amount. | | |
|---|---|---|---|
| | Rs. | a. | p. |
| Water Tax and other Miscellaneous Water Works Revenue—*vide* details in Appendix No. 1 (*vide* page ) ... ... ... | * 48,48,252 | 1 | 1 |
| Total Rs. ... | 48,48,252 | 1 | 1 |

* This includes Rs. 21,29,122-2-7 being the amount of Water Tax by measurement, realised during 1922-23 as shown in the following Statement :—

M. R. TAMBE,
Acting Chief Accountant.

**STATEMENT showing the quantity of Water by meter supplied under different Sub-heads and the Water Tax by measurement realized at different rates for the uniform quantity of 1,000 gallons.**

| PARTICULARS. | 1916-17 |  | 1917-18. |  | 1918-19. |  |
|---|---|---|---|---|---|---|
|  | Gallons. | Amount. | Gallons. | Amount. | Gallons. | Amount. |
|  |  | Rs. a. p. |  | Rs. a. p. |  | Rs. a. p. |
| Hotels ... .. | 3,83,30,975 | @ As. 8<br>19,165 7 8 | 4,98,19,350 | @ As. 8<br>24,909 10 11 | 5,60,46,930 | @ As. 8<br>26,272 12 0 |
| Cotton Factories ... ... | 60,88,04,250 | @ As. 8<br>3,04,402 1 11 | 60,57,04,110 | @ As. 8<br>3,02,852 0 11 | 86,09,72,800 | @ As. 8<br>4,03,581 7 1 |
| Flour Factories ... ... | 2,91,29,645 | @ As. 8<br>14,564 13 2 | 3,60,46,860 | @ As. 8<br>18,023 7 2 | 2,77,18,400 | @ As. 8<br>12,992 15 10 |
| Other Factories ... ... | 27,29,75,185 | @ As. 8<br>1,36,487 9 6 | 38,56,14,920 | @ As. 8<br>1,92,807 7 8 | 41,93,94,130 | @ As. 8<br>1,96,591 3 4 |
| Milch Cattle Stables ... | 15,60,32,940 | @ As. 4<br>39,008 3 9 | 20,41,48,399 | @ As. 4<br>51,037 1 7 | 21,19,55,350 | @ As. 4<br>52,988 13 5 |
| Government Buildings (a). | 37,65,63,266 | At different rates<br>83,041 14 8 | 38,67,06,134 | At different rates<br>1,28,528 5 1 | 7,28,85,250 | @ As. 4<br>18,221 5 2 |
| Railways ... .. | 55,87,11,870 | @ As. 6½<br>2,26,976 11 0 | 48,51,41,500 | @ As. 6½<br>1,97,088 11 9 | 55,29,33,030 | @ As. 6½<br>2,24,629 0 0 |
| Port Trust ... ... | 34,58,31,070 | @ As. 6½<br>1,40,498 13 11 | 42,19,10,705 | @ As. 6½<br>1,71,401 3 7 | 44,06,71,540 | @ As. 6½<br>1,79,022 13 1 |
| Suburbs (b) ... ... | 12,65,79,250 | At different rates<br>83,347 11 2 | 5,82,83,650 | At different rates<br>56,685 2 6 | 18,18,68,850 | @ As. 8<br>90,297 13 7 |
| Miscellaneous (c)... ... | 1,07,94,59,946 | At different rates<br>2,07,796 5 9 | 1,31,44,83,017 | At different rates<br>2,80,728 5 4 | 1,22,74,86,170 | At different rates<br>3,08,722 1 5 |
| Total ... | 3,59,24,18,397 | 12,55,284 12 6 | 3,94,78,58,645 | 14,10,061 8 6 | 4,05,19,32,450 | 15,07,820 5 6 |

| PARTICULARS. | 1919-20. |  | 1920-21. |  | 1921-22. |  | 1922-23. |  |  |
|---|---|---|---|---|---|---|---|---|---|
|  | Gallons. | Amount. | Gallons. | Amount. | Gallons. | Amount. | Gallons. | Amount. |  |
|  |  | Rs. a. p. |  | Rs. a. p. |  | Rs. a. p. |  | Rs. a p. |  |
| Hotels ... .. | 5,94,58,075 | @ As. 7¾ and above.<br>28,300 0 10 | 5,64,92,495 | @ As. 7¾ and above.<br>27,363 8 10 | 5,92,72,140 | @ As. 7¾ and above.<br>28,709 15 1 | 6,87,03,150 | @ As. 12<br>41,720 13 1 | For trade purposes. |
| Cotton Factories ... ... | 72,21,59,452 | @ As. 7¾ and above.<br>3,49,795 15 9 | 92,47,35,195 | @ As. 7¾ and above<br>4,47,918 9 9 | 99,39,23,623 | @ As. 7¾ and above.<br>4,81,432 3 6 | 95,26,66,080 | @ As. 12<br>5,86,885 11 10 | For trade purposes. |
| Flour Factories ... ... | 3,48,59,054 | @ As. 7¾ and above.<br>16,884 13 8 | 1,71,68,030 | @ As. 8 and above.<br>8,515 12 3 | 1,12,67,000 | @ As. 7¾ and above.<br>5,503 15 3 | 1,83,80,750 | @ As. 12<br>11,238 2 5 | For trade purposes. |
| Other Factories ... ... | 40,05,05,515 | @ As 7¾ and above.<br>1,93,994 13 9 | 34,73,92,200 | @ As. 7¾ and above.<br>1,68,268 1 7 | 30,60,92,793 | @ As. 7¾ and above.<br>1,48,263 3 0 | 39,06,86,319 | @ As. 12<br>2,36,448 10 9 | For trade purposes. |
| Milch Cattle Stables ... | 14,39,20,708 | @ As 4<br>35,980 2 10 | 15,93,26,730 | @ As. 4<br>39,831 10 11 | 14,78,36,021 | @ As. 4<br>36 959 0 1 | 16,96,22,084 | @ As. 8<br>61,857 6 6 |  |
| Government Buildings (a). | 16,17,82,600 | @ As. 4<br>40,362 1 3 | 12,34,40,895 | @ Rs. 4<br>30,860 3 7 | 12,80,73 458 | @ As. 4.<br>32,018 5 10 | 16,25,18,867 | @ As. 4<br>41,919 7 3 | A. |
| Railways ... .. | 65,98,25,450 | @ As. 6½<br>2,89,097 2 4 | 62,48,64,840 | @ As. 6½<br>2,53,851 5 4 | 56,04,51,400 | @ As 6½<br>2,27,683 6 9 | 88,13,79,848 | @ As. 8<br>3,70,849 3 10 |  |
| Port Trust ... ... | 43,54,03,874 | @ As. 6½<br>1,76,882 9 10 | 51,16,54,880 | @ As. 6½<br>2,07,859 12 8 | 55,76,87,205 | @ As. 6½<br>2,26,860 6 10 | 54,99,56,022 | @ As. 8<br>2,48,108 0 3 | A. |
| Suburbs (b) ... ... | 18,70,67,500 | At different rates.<br>91,135 8 0 | 29,41,29,000 | At different rates.<br>1,70,952 2 4 | 31,81,77,733 | At different rates.<br>1,99,583 11 8 | 20,57,73,350 | @ As. 4<br>1,04,604 7 8 | A. |
| Miscellaneous (c)... ... | 96,58,89,912 | At different rates.<br>2,68,396 10 2 | 17,94,27,025 | At different rates.<br>65,589 6 9 | 73,85,20,731 | At different rates.<br>2,06,530 12 6 | 1,11,21,89,679 | At different rates.<br>4,25,990 3 0 | A |
| Total ... | 3,77,08,71,640 | 14,86,329 14 5 | 3,23,86,81,290 | 14,20,810 10 0 | 3,82,13,98,104 | 16,93,245 0 6 | 4,46,18,76.149 | 21,29.122 9 7 |  |

(a) The rates charged are in accordance with the Water Rules for the respective years.

(b) The rate charged is 4 to 12 annas per 1,000 gals.

(c) The rates charged vary from As. 2 to As. 12.

A. These figures are exclusive of refunds.

## 12.
# ACCOUNT.

## EXPENDITURE FOR 1922-23.

| EXPENDITURE. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|---|
| General Superintendence (proportion of) ... ... ... ... | 60,128 14 5 | | | |
| Assessment and Collection Charges (proportion of) ... ... | 1,26,346 10 10 | 1,86,475 9 3 | | |
| Maintenance of Water Works (*vide* Appendix No. 2) ... ... | 6,86,281 9 9 | | | |
| New Works (*vide* Appendix No. 2) ... ... ... ... ... | 2,610 1 8 | 6,88,891 11 5 | | |
| Interest on Water Works Loans (Debt)— | | | | |
| *Due to Government*—Vehar Debt ... ... ... ... ... | ...... | 79,959 3 0 | 8,75,367 4 8 | |
| *Due to the Public*— | | | | |
| Portion of 10 Lakhs for Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878 ... ... ... ... | 3,994 15 9 | | | |
| Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 19,73,223) ... ... ... ... ... ... ... | 92,164 1 5 | | | |
| Water Works portion of the 7 Lakhs Sanitary Works Loan (Rs. 1,90,389) ... ... ... ... ... ... ... | 9,461 10 5 | | | |
| Water Works portion of the 12 Lakhs Drainage and Water Works Loan (Rs. 85,000) ... ... ... ... ... | 4,596 3 2 | | | |
| Tansa Water Works Loan of Rs. 147 Lakhs ... ... ... | 7,41,025 0 0 | | | |
| Water Works portion of the Rs. 10,08,500 Miscellaneous Works Loan (Rs 1,35,000) ... ... ... ... ... | 6,435 6 9 | | | |
| Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000) ... ... ... ... ... | 45,829 2 3 | | | |
| Water Works portion of the 8 Lakhs Loan for new Municipal Office Building (Rs.66,940) ... ... ... ... | 3,347 0 0 | | | |
| Water Works portion of the 4½ Lakhs Loan for Fire Brigade Quarters and Stations (Rs. 3,346) ... ... ... | 131 15 8 | | | |
| Water Works portion of the 42 Lakhs Loan for repayment of Government Consolidated Loan (Rs. 39,73,696) ... | 1,58,276 1 6 | | | |
| Water Works portion of the 23¼ Lakhs Loan for Drainage and other Works (Rs. 2,45,500) ... ... ... ... | 9,910 12 11 | | | |
| Water Works portion of the 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Works (Rs. 1,55,000) ... ... ... | 5,400 9 5 | | | |
| Water Works portion of the 25 Lakhs Loan for Sewerage, &c., Works (Rs. 2,31,297) ... ... ... ... | 9,177 13 10 | | | |
| Water Works portion of the 24¾ Lakhs Loan for certain Sewerage and Water Works (Rs. 2,73,000) ... ... | 10,751 3 9 | | | |
| 12¾ Lakhs Loan for certain Water Works (Rs. 12,75,000) ... | 51,590 0 0 | | | |
| 55 Lakhs Loan for Miscellaneous Works (Rs. 4,77,652) ... | 19,379 8 11 | | | |
| 70 Lakhs Loan for Reduplication of the Tansa Main and other auxiliary works ... ... ... ... ... ... | 2,96,020 0 0 | | | |
| Water Works portion of the 43 Lakhs Loan for Drainage, Water, Roads, and Miscellaneous Works (Rs. 2,00,500) ... | 8,020 0 0 | | | |
| 40 Lakhs Loan for Sanitary Buildings ( Rs. 10,00,000 ) ... | 60,097 8 0 | | | |
| 50 Lakhs Loan for Drainage Water, etc , Works (5,00,000) ... | 37,749 4 10 | | | |
| 1½ Crores ,, ,, ,, ,, ,, (1,07,79,000). | 5,72,976 5 6 | | | |
| 140 Lakhs ,, ,, ,, ,, ,, (81,79,696). | 4,834 0 0 | 21,51,168 12 1 | | |
| Commission to the Imperial Bank of India for payment of interest on the Water Works portion of the different Loans ... | 6,403 7 2 | | | |
| Miscellaneous Loan Charges, including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments ... ... ... ... ... ... ... | 2,014 6 9 | 8,417 13 11 | 22,39,545 13 0 | |
| Interest accurred but not paid on Water Works Loans (Debt.) | | | | |
| Due to the Public:— | | | | |
| Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 19,73,223) ... | | 20,960 0 | | |
| Tansa Water Works Loan of Rs.147 Lakhs ... ... ... ... ... ... | | 3,67,500 0 0 | | |
| Water Works portion of the 7 Lakhs Sanitary Works Loan (Rs. 1,90,389) ... | | 1,586 8 0 | | |
| Water Works portion of the 12 Lakhs Drainage and Water Works Loan (Rs. 85,000)... ... ... ... ... ... ... ... ... | | 1,062 8 0 | | |
| Water Works portion of the Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000) ... ... ... ... ... ... ... ... | | 3,875 0 0 | | |
| Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000) ... ... ... ... ... ... ... ... | | 11,500 0 0 | | |
| Water Works portion of the 8 Lakhs Loan for new Municipal Office Building (Rs. 66,940) ... ... ... ... ... ... ... ... | | 836 12 0 | 4,06,820 12 0 | |
| Payments towards the reduction of debt or investment of Sinking Fund of the following Water Works Loans:— | | | | |
| Vehar Debt ... ... ... ... ... ... ... ... ... ... | | 34,016 13 0 | | |
| Portion of the 10 Lakhs for Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878 ... ... ... ... ... ... ... | | 927 15 9 | | |
| Water Works portion of the 44 Lakhs Sanitary Works Loan (Rs. 19,73,223) ... | | 18,285 15 1 | | |
| Do. do. 7 Lakhs Sanitary Works Loan (Rs. 1,90,389) ... | | 2,149 3 6 | | |
| Do. do. 12 Lakhs Drainage and Water Works Loan (Rs. 85,000) ... ... ... ... ... | | 870 12 0 | | |
| Do. do. Rs. 10,08,500 Miscellaneous Works Loan (Rs. 1,35,000) | | 1,561 8 0 | | |
| Tansa Water Works Loan of Rs. 147 Lakhs ... ... ... ... ... | | 64,774 4 2 | | |
| Water Works portion of the 35 Lakhs Various Sanitary Works Loan (Rs. 9,20,000) ... ... ... ... ... | | 11,127 4 3 | | |
| Do. do. 8 Lakhs Loan for new Municipal Office Building (Rs. 66,940) ... ... ... ... ... | | 761 3 0 | | |
| Do. do. 4½ Lakhs Loan for Fire Brigade Quarters (Rs. 3,346) | | 62 10 10 | | |
| Do. do. 42 ,, for repayment of Consolidated Loan (Rs. 39,73,696) ... ... ... ... ... | | 73,161 6 8 | | |
| Do. do. 23¼ Lakhs Loan for Drainage and other Works (Rs. 2,45,500) ... ... ... ... ... | | 2,910 6 7 | | |
| Do. do. 15¾ Lakhs Loan for Sewerage, Wari Bunder, &c., Works (Rs 1,55,000) ... ... ... ... | | 1,692 14 7 | | |
| Do. do. 25 Lakhs Loan for Sewerage, &c., Works (Rs. 2,31,297) ... ... ... ... ... | | 2,707 9 0 | | |
| Do. do. 24¾ Lakhs Loan (Rs. 2,73,000) ... ... ... ... | | 3,226 7 7 | | |
| Do. do. 12¾ ,, ,, ... ... ... ... ... | | 24,513 2 11 | | |
| Do. do. 55 ,, ,, (Rs. 4,77,652) ... ... ... ... | | 10,843 9 1 | | |
| 70 Lakhs Loan for Reduplication of the Tansa Main and other auxiliary works ... | | 77,930 2 5 | | |
| 43 Lakhs Loan for Drainage, Water, Roads and Miscellaneous Works (Rs. 2,00,500) | | 4,208 13 1 | | |
| 40 ,, ,, for Sanitary Buildings, etc. ( Rs. 10,00,000 ) ... ... ... | | 17,412 12 0 | | |
| 50 ,, ,, for Drainage, Water &c. Works (Rs. 5,00,000) ... ... ... | | 8,915 0 0 | | |
| 1½ Crores Loan for ,, ,, ,, ,, (Rs. 1,07,79,000) ... ... ... | | 1,92,189 9 1 | 5,54,249 6 7 | 40,75,983 4 3 |
| | | Balance—Income in Excess of Expenditure .. | | 7,72,268 12 10 |
| | | | | 48,48,252 1 1 |

H. B. CLAYTON,
Municipal Commissioner.

# Appendix

# WATER WORKS

## SCHEDULE OF LIABILITIES AND

| LIABILITIES. | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|
| **Debt due to Government—** | | | | | | | | | |
| Government of Bombay on account of Vehar Debt (see page ) ... ... ... ... ... ... ... ... | | | | 19,80,350 | 1 | 9 | | | |
| **Debt due to the Public—** | | | | | | | | | |
| Portion of 10 lakhs for the Bhandarwada Water Works of the Loan of Rs. 26,94,000 of 1878 ... ... ... ... | 1,484 | 12 | 5 | | | | | | |
| Water Works portion of the 44 lakhs Sanitary Works Loan. | 19,73,223 | 4 | 8 | | | | | | |
| Water Works portion of the 7 lakhs Sanitary Works Loan. | 1,90,389 | 0 | 0 | | | | | | |
| Water Works portion of the 12 lakhs Drainage and Water Works Loan ... ... ... ... ... ... ... | 85,000 | 0 | 0 | | | | | | |
| Water Works portion of the Miscellaneous Works Loan of Rs. 10,08,500 ... ... ... ... ... ... ... | 1,35,000 | 0 | 0 | | | | | | |
| Water Works portion of the 35 lakhs Various Sanitary Works Loan ... ... ... ... ... ... .. | 9,20,000 | 0 | 0 | | | | | | |
| Tansa Water Works Loan of 147 lakhs ... ... ... | 1,47,00,000 | 0 | 0 | | | | | | |
| Water Works portion of the 8 lakhs Loan for new Municipal Office Buildings ... ... ... ... ... ... | 66,939 | 13 | 0 | | | | | | |
| Water Works portion of the 42 lakhs Loan for repayment of the balance of Government Consolidated Loan .. | 39,73,695 | 10 | 0 | | | | | | |
| Water Works portion of the 23¼ lakhs Loan for Drainage and other Works ... ... ... ... ... ... | 2,45,500 | 0 | 0 | | | | | | |
| Water Works portion of the 15¾ lakhs Loan for Sewerage, Wari Bunder, &c., Roads, Burial Ground and certain Water Works ... ... ... ... ... ... ... | 1,55,000 | 0 | 0 | | | | | | |
| Water Works portion of the 25 lakhs Loan for Sewerage, Roads and other Works ... ... ... ... ... | 2,31,297 | 0 | 0 | | | | | | |
| Water Works portion of the 24¾ lakhs Loan for certain Sewerage and Water Works ... ... ... ... ... | 2,73,000 | 0 | 0 | | | | | | |
| 12¾ Lakhs Loan for certain Water Works ... ... ... | 12,75,000 | 0 | 0 | | | | | | |
| Water Works portion of the 55 Lakhs Loan for Mis. Works. | 4,77,652 | 7 | 3 | | | | | | |
| 70 Lakhs Loan for the Reduplication of the Tansa Main and other Auxiliary Works ... ... ... ... ... | 70,00,000 | 0 | 0 | | | | | | |
| Water Works portion of 43 Lakhs Loan for Miscellaneous Works ... ... ... .. ... ... ... ... | 2,00,500 | 0 | 0 | | | | | | |
| 40 Lakhs Loan for the construction of Sanitary Buildings acquisition of lands for Street Improvements and for executing Drainage and Water Works ... ... .. | 10,00,000 | 0 | 0 | | | | | | |
| 50 Lakhs Loan for Drainage, Water, &c., Works ... ... | 5,00,000 | 0 | 0 | | | | | | |
| 1½ Crores do. do. ... ... | 1,07,79,000 | 0 | 0 | | | | | | |
| | | | | 4,41,82,681 | 15 | 4 | 4,61,63,032 | 1 | 1 |
| II.—SINKING FUNDS ON MUNICIPAL LOANS (invested as per contra) ... ... ... ... ... ... ... ... | | | | | | | 1,17,28,863 | 3 | 6 |
| III.—SPECIAL FUNDS— | | | | | | | | | |
| Worn-out Water Mains Renewal Fund (invested as per contra) ... ... ... ... ... ... ... | | | | 4,81,315 | 4 | 2 | | | |
| Net Premia Fund (invested as per contra) ... .. | | | | 3,74,333 | 10 | 4 | | | |
| | | | | | | | 8,55,648 | 14 | 6 |
| IV.—CAPITAL ACCOUNT—<br>General Reserve being Assets in excess of Liabilities ... | | | | | | | 44,01,569 | 8 | 1 |
| TOTAL RS. | | | | | | | 6,31,49,113 | 11 | 2 |

M. R. TAMBE,
Acting Chief Accountant.

## No. 13.

## ACCOUNT.

ASSETS AT 31st MARCH 1923.

| ASSETS. | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Properties—** | | | | | | | | | | | | |
| Water Works executed out of Loan and Reserve Funds as detailed at pages to (*vide* Appendix No. 8) ... ... | | | | | | | | | | 4,89,83,776 | 7 | 9 |
| **Investments—** | | | | | | | | | | | | |
| Imperial Bank of India Municipal Loans Sinking Fund [illegible]posit Accounts— | | | | | | | | | | | | |
| | Rs. | a. | p. | | | | | | | | | |
| 6 & 6½ per cent. Loans 4% basis ... | 2,65,345 | 10 | 9 | | | | | | | | | |
| 5 „ „ 3½% basis ... | 56,94,088 | 6 | 4 | | | | | | | | | |
| 4 „ „ 3½% basis ... | 47,65,301 | 3 | 0 | | | | | | | | | |
| 4 „ „ 3% basis ... | 9,28,816 | 1 | 7 | | | | | | | | | |
| 3½ „ „ ... ... | 75,311 | 13 | 10 | | | | | | | | | |
| | | | | 1,17,28,863 | 3 | 6 | | | | | | |
| 2. Imperial Bank of India—Worn-out Water Mains Renewal Fund Deposit Account (*vide* Appendix No. 4) ... ... | | | | 4,81,315 | 4 | 2 | | | | | | |
| 3. Imperial Bank of India—Net Premia on different Municipal Loans Deposit Account (*vide* note* to Appendix No. 4) ... ... ... ... ... ... ... .. | | | | 3,74,333 | 10 | 4 | 1,25,84,512 | 2 | 0 | | | |
| 4. Loan Funds Investments Deposit Account (*vide* note to Appendix No. 6)... ... ... ... ... ... ... | | | | 48,48,696 | 5 | 1 | | | | | | |
| *Less*—Value of properties (Water Works) executed out of Loan Funds Advances (*vide* note ‡ at page 89) ... ... ... | | | | 32,67,871 | 3 | 8 | | | | | | |
| | | | | | | | 15,80,825 | 1 | 5 | 1,41,65,337 | 3 | 5 |
| | | | | | | | Total Rs. ... | | | 6,31,49,113 | 11 | 2 |

H. B. CLAYTON,
Municipal Commissioner.

## Appendix

STATEMENT showing the quantity and value of several articles upon which Town Duty was

| Duty Collected by | Grain and Pulse at 6 annas per candy. | | | Flour of all sorts at 75 per cent. of the rate at the time being levied on the grain from which flour is prepared. | | | Wines and Spirits at 4 annas per gallon. | | | Beer at 6 pies per gallon. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Candies. | Furras. | Amount of Duty. | Candies. | Furras. | Amount of Duty. | Gallons. | Pints. | Amount of Duty. | Gallons. | Pints. | Amount of Duty. |
| **BOMBAY PORT TRUST.** | | | Rs. a. p. | | | Rs. a. p. | | | Rs. a. p. | | | Rs. a. p. |
| April 1922 .. .. | 1,72,865 | 7 | 64,824 11 3 | 340 | .. | 95 10 0 | 54,478 | 6½ | 13,619 11 3 | 83,488 | .. | 2,609 0 0 |
| May " .. .. | 71,325 | 1 | 26,746 14 9 | 376 | 1⅘ | 105 13 0 | 48,547 | 3 | 12,136 13 6 | 1,99,414 | .. | 6,231 11 |
| June " .. .. | 1,16,136 | 1⅗ | 43,551 1 3 | 1,425 | 3⅗ | 400 14 6 | 39,672 | 4½ | 9,918 2 5 | 78,144 | .. | 2,442 |
| July " .. .. | 1,08,415 | 1 | 40,655 10 9 | 972 | 5⅕ | 273 9 0 | 35,716 | 4½ | 8,929 2 1 | 71,150 | .. | 2,223 |
| August " .. .. | 95,458 | 2⅗ | 35,796 14 0 | 1,039 | 2⅗ | 292 5 0 | 46,027 | 4½ | 11,506 14 5 | 50,516 | .. | 1,5 |
| September " .. .. | 64,079 | 1 | 24,029 10 9 | 1,800 | ⅘ | 506 5 0 | 30,353 | 7½ | 7,588 7 8 | 1,07,672 | .. | 3 |
| October " .. .. | 74,121 | 2⅗ | 27,795 8 0 | 1,946 | 7⅕ | 547 9 0 | 30,584 | ½ | 7,646 0 3 | 46,830 | .. | |
| November " .. .. | 81,619 | 1 | 30,607 2 9 | 936 | 1⅘ | 263 5 0 | 37,015 | 4 | 9,253 14 0 | 98,261 | 4 | |
| December " .. .. | 85,869 | 5⅗ | 32,013 6 6 | 962 | .. | 270 9 0 | 41,630 | 1½ | 10,407 8 7 | 43,304 | .. | |
| January 1923 .. .. | 67,284 | 6⅗ | 25,231 13 0 | 920 | 1⅘ | 258 13 0 | 52,129 | 1½ | 13,032 5 3 | 79,470 | .. | |
| February " .. .. | 1,37,161 | 2 | 51,435 7 6 | 1,540 | .. | 433 2 0 | 42,668 | 3 | 10,666 9 6 | 58,976 | . | |
| March " .. .. | 1,91,389 | 5 | 71,771 1 9 | 1,396 | 1⅕ | 392 11 0 | 45,101 | 3½ | 11,275 5 9 | 48,500 | | |
| Total .. | 12,65,225 | ⅕ | 4,74,459 6 3 | 13,655 | 3⅗ | 3,840 9 6 | 5,03,923 | 5½ | 1,25,980 14 8 | 9,65,725 | | |
| **G. I. P. RAILWAY.** | | | | | | | | | | | | |
| April 1922 .. .. | 54,528 | 5⅕ | 20,448 4 0 | .... | .. | ...... | 33,253 | 5½ | 8,313 6 9 | 104 | .. | |
| May " .. .. | 81,081 | 6⅗ | 31,530 11 0 | 2 | 7⅕ | 0 13 0 | 252 | .. | 63 0 0 | .... | .. | |
| June " .. .. | 44,118 | 6⅗ | 16,544 9 0 | 4 | 3⅗ | 1 4 0 | 62,632 | ½ | 15,658 0 3 | 606 | .. | |
| July " .. .. | 29,629 | 4 | 11,111 1 0 | 2 | 7⅕ | 0 13 0 | 60,233 | 1½ | 15,058 4 10 | .... | .. | |
| August " .. .. | 46,392 | .. | 17,397 0 0 | 1 | 6⅗ | 0 8 0 | 33,651 | 5½ | 8,412 14 9 | .... | .. | |
| September " .. .. | 25,278 | .. | 9,479 4 0 | 4 | 5⅖ | 1 5 0 | 32,939 | 5½ | 8,234 14 10 | 468 | .. | 1 |
| October " .. .. | 51,659 | 1⅕ | 19,372 3 0 | .... | .. | ...... | 306 | .. | 76 8 0 | .... | .. | ...... |
| November " .. .. | 62,456 | 2⅗ | 23,421 2 0 | 5 | 4⅘ | 1 9 0 | 81,537 | 4½ | 20,384 6 2 | .... | .. | ...... |
| December " .. .. | 59,927 | 2⅗ | 22,472 12 0 | 1 | 6⅗ | 0 8 0 | 156 | . | 39 0 0 | 60 | .. | 1 14 |
| January 1923 .. .. | 64,754 | .. | 24,282 12 0 | 7 | ⅗ | 2 0 0 | 29,583 | 7½ | 7,395 15 7 | 388 | .. | 12 2 0 |
| February " .. .. | 55,947 | 1⅕ | 20,980 3 0 | .... | .. | ...... | 72,912 | 3½ | 18,228 1 6 | 440 | . | 13 12 0 |
| March " .. .. | 54,632 | 2⅗ | 20,487 2 0 | .... | .. | ...... | 30,231 | 4½ | 7,557 14 5 | .... | .. | ...... |
| Total .. | 6,33,406 | 1⅕ | 2,37,527 5 0 | 31 | ⅗ | 8 12 0 | 4,37,689 | 6½ | 1,09,422 7 1 | 2,066 | .. | 64 9 0 |
| **B. B. & C. I. RAILWAY.** | | | | | | | | | | | | |
| April 1922 .. .. | 24,667 | 7⅕ | 9,250 7 10 | .... | .. | ...... | .... | .. | ...... | .... | .. | ...... |
| May " .. .. | 43,206 | 6⅗ | 16,202 9 0 | .... | .. | ...... | 186 | .. | 46 8 0 | .... | .. | ...... |
| June " .. .. | 67,702 | 2⅕ | 25,388 5 9 | .... | .. | ...... | 540 | .. | 135 0 0 | .... | .. | ...... |
| July " .. .. | 57,916 | 4⅘ | 21,718 11 2 | .... | .. | ...... | .... | .. | ...... | 20 | .. | 0 10 0 |
| August " .. .. | 40,837 | 7⅘ | 15,314 3 10 | .... | .. | ...... | 60 | .. | 15 0 0 | .... | .. | ...... |
| September " .. .. | 16,580 | 7⅘ | 6,217 13 7 | .... | .. | ...... | 220 | .. | 55 0 0 | .... | .. | ...... |
| October " .. .. | 18,709 | 1⅕ | 7,015 15 0 | | .. | ...... | 8 | .. | 2 0 0 | .... | .. | ...... |
| November " .. .. | 48,846 | 2⅗ | 18,317 5 10 | .... | .. | ...... | 1,214 | .. | 303 8 0 | .... | .. | ...... |
| December " .. .. | 34,101 | 5⅗ | 12,788 2 0 | .... | . | ...... | .... | .. | ...... | .... | .. | ...... |
| January 1923 .. .. | 52,774 | 3 | 19,790 6 3 | .... | .. | ...... | 680 | .. | 170 0 0 | .... | .. | ...... |
| February " .. .. | 56,021 | ⅗ | 21,007 14 8 | .... | .. | ...... | 424 | .. | 106 0 0 | .... | .. | ...... |
| March " .. .. | 49,879 | ⅗ | 18,704 10 5 | .... | | ...... | 300 | .. | 75 0 0 | .. | .. | ...... |
| Total .. | 5,11,244 | 1⅗ | 1,91,716 9 4 | .... | .. | ...... | 3,632 | .. | 908 0 0 | 20 | .. | 0 10 0 |
| GRAND TOTAL .. | 24,09,875 | 3⅗ | 9,03,703 4 7 | 13,683 | 4⅗ | 3,849 5 6 | 9,45,245 | 3½ | 2,36,311 5 9 | 9,67,811 | 4 | 30,244 1 9 |
| *Deduct*— Refunds passed by the Town Duty Refund Officer .. .. .. | 8,92,992 | .. | 3,34,872 0 0 | 1,27,715 | 2⅗ | 35,919 15 0 | 56,695 | 4 | 14,173 14 0 | 3,65,356 | .. | 11,417 6 0 |
| Net Revenue .. | 15,16,883 | 3⅗ | 5,68,831 4 7 | .... | .. | ...... | 8,88,549 | 7½ | 2,22,127 7 9 | 6,02,455 | 4 | 18,826 11 9 |
| Excess Refund over Collection .. .. .. | .. | .. | .... | –1,14,028 | 6⅗ | –32,070 9 6 | .... | .. | ...... | .... | .. | |

| | Rs a p | Rs. a. p. | Rs. a. p. | Rs. a. p. |
|---|---|---|---|---|
| Balance of collections on 31st March 1922 due by— | | | | |
| Port Trust .. .. .. .. .. .. .. .. .. .. | | | 30,004 3 3 | |
| G. I. P. Railway .. .. .. .. .. .. .. .. .. | | | 27,200 9 0 | |
| B. B. & C. I. Railway .. .. .. .. .. .. .. .. .. | | | 1,063 2 0 | 58,267 14 3 |
| *Add*— Collections for 1922-1923— | | | | |
| Port Trust .. .. .. .. .. .. .. .. .. .. | | | 26,08,866 9 5 | |
| G. I. P. Railway .. .. .. .. .. .. .. .. .. | | | 4,69,217 5 10 | |
| B. B. & C. I. Railway .. .. .. .. .. .. .. .. .. | | | 3,29,111 12 4 | 34,07,195 11 7 |
| | | | | 34,65,463 9 10 |
| *Deduct*— Refunds paid in 1922-1923 .. .. .. .. .. .. .. .. .. | | | 16,90,390 15 0 | |
| Balance of collections on 31st March 1923, due by— Port Trust .. .. | 47,668 14 3 | | | |
| G. I. P. Railway .. .. | 24,137 4 9 | | | |
| B. B. & C. I. Railway .. | 3,186 8 0 | 74,992 11 0 | | |
| Recoveries on account of Cotton Duty paid against collection for Town Duty during 1921-22 .. .. .. .. .. .. .. .. .. | | 9,568 10 8 | | |
| | | | 84,561 5 8 | 17,74,952 4 8 |
| | | | | 16,90,511 5 2 |
| *Add*— Balance of commission charges bill for January 1923, and the same for February from B. B. & C. I. Railway .. .. .. .. .. .. .. | | | | 1,054 0 9 |
| | | | Total Rs. ... | 16,91,565 5 11 *vide* Appendix No. 1. |

M. R. TAMBE,
Acting Chief Accountant.

## No. 14.

levied during 1922-23 under Section 192 (1) of the City of Bombay Municipal Act of 1888.

| Sugar at 8 Annas per Cwt. | | | | Ghee at 10 Annas per Bombay Maund. | | | Timber at 2½ per cent. on Market Value. | | Firewood at 2 Annas per Candy. | | | Total Monthly Collections. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cwts. | qrs. | lbs. | Amount of Duty. | Maunds. | Seers. | Amount of Duty. | Value. | Amount of Duty. | Candies. | Maunds. | Amount of Duty. | |
| | | | Rs. a. p. | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | | | Rs. a. p. | Rs. a. p. |
| 3,03,067 | 1 | 10½ | 1,51,533 10 9 | 20,229 | .. | 12,643 2 0 | 9,11,682 14 8 | 22,792 1 2 | 58,670 | 14 | 6,708 13 0 | 2,74,826 11 5 |
| 2,90,924 | 3 | 10½ | 1,45,462 6 9 | 27,168 | 10 | 16,980 2 6 | 15,01,756 10 8 | 37,543 14 8 | 21,037 | 7 | 2,829 10 6 | 2,47,837 6 8 |
| 1,39,310 | 2 | 0 | 69,655 4 0 | 3,310 | 20 | 2,069 1 0 | 10,40,823 8 8 | 26,020 9 5 | 133 | .. | 16 10 0 | 1,54,073 10 7 |
| 2,37,658 | 3 | 14 | 1,18,829 7 0 | 460 | 22 | 287 13 6 | 2,43,983 8 8 | 6,099 9 5 | 17 | .. | 2 2 0 | 1,77,300 12 9 |
| 3,83,422 | 2 | 14 | 1,91,711 5 0 | 9,213 | 2 | 5,758 2 6 | 13,10,630 0 0 | 32,765 12 0 | 109 | 14 | 13 11 0 | 2,79,423 9 11 |
| 2,08,714 | 0 | 21 | 1,04,357 1 6 | 19,489 | 27 | 12,181 3 3 | 4,45,627 11 4 | 11,140 11 1 | 623 | 21 | 77 15 6 | 1,63,243 0 9 |
| 3,88,772 | 0 | 7 | 1,94,386 0 6 | 29,651 | 39 | 18,532 7 9 | 12,53,163 2 0 | 31,329 1 3 | 15,723 | .. | 1,965 6 0 | 2,83,665 7 9 |
| 1,47,963 | 2 | 3½ | 73,981 12 3 | 20,350 | 33 | 12,719 4 3 | 14,91,475 10 0 | 37,286 14 3 | 17,505 | 7 | 2,188 2 6 | 1,69,371 1 9 |
| 57,970 | 1 | 14 | 28,985 3 0 | 28,723 | 13 | 17,952 1 8 | 14,36,023 5 4 | 35,900 9 4 | 25,155 | 7 | 3,144 6 6 | 1,30,027 0 2 |
| 1,34,006 | 1 | 21 | 67,003 3 6 | 31,532 | 26 | 19,707 14 6 | 12,02,903 2 0 | 30,072 9 3 | 45,702 | 21 | 5,712 13 6 | 1,63,506 1 0 |
| 3,61,018 | 2 | 17½ | 1,80,509 5 3 | 22,181 | .. | 13,863 2 0 | 9,90,640 3 4 | 24,766 0 1 | 45,390 | .. | 5,673 12 0 | 2,89,190 6 4 |
| 3,08,454 | 3 | 7 | 1,54,227 6 6 | 21,514 | 4 | 13,446 5 0 | 6,80,007 11 4 | 17,000 3 1 | 54,180 | 17½ | 6,772 9 3 | 2,76,401 4 4 |
| 29,61,384 | 1 | 0 | 14,80,642 2 0 | 2,33,825 | 6 | 1,46,140 11 6 | 1,25,08,717 8 0 | 3,12,717 15 0 | 2,79,217 | 24½ | 34,905 15 9 | 26,08,866 9 5 |
| 7,227 | | 0 | 3,613 12 0 | 5,185 | 33 | 3,241 2 3 | 2,325 0 0 | 58 2 0 | 628 | | 78 8 0 | 35,756 7 0 |
| 3,495 | | 0 | 1,747 8 0 | 8,628 | .. | 5,392 8 0 | 2,450 0 0 | 61 4 0 | 2,052 | 14 | 256 9 0 | 39,052 5 0 |
| 6,498 | 1 | 0 | 3,249 2 0 | 4,787 | 17 | 2,992 2 3 | 8,520 0 0 | 213 4 0 | 713 | 14 | 89 3 0 | 38,766 7 6 |
| 6,324 | 2 | 14 | 3,162 5 3 | 7,784 | 7 | 4,865 1 9 | 3,562 8 0 | 89 1 0 | 200 | .. | 25 0 0 | 34,311 10 7 |
| 8,575 | 1 | 0 | 4,287 10 0 | 3,094 | 23 | 1,934 1 9 | 5,402 8 0 | 135 1 0 | 514 | .. | 64 4 0 | 32,231 7 6 |
| 3,802 | 1 | 14 | 1,901 3 0 | 3,607 | 19 | 2,254 10 9 | 4,230 0 0 | 105 12 0 | 368 | .. | 46 0 0 | 22,037 11 7 |
| 7,693 | 0 | 0 | 3,846 8 0 | 9,796 | 29 | 6,122 15 3 | 4,020 0 0 | 100 8 0 | 1,321 | 14 | 165 3 0 | 29,683 13 3 |
| 5,563 | 1 | 14 | 2,781 11 0 | 15,424 | 21 | 9,640 5 3 | 1,270 0 0 | 31 12 0 | 445 | .. | 55 10 0 | 56,316 7 5 |
| 8,285 | 1 | 0 | 4,142 10 0 | 19,246 | 31 | 12,029 3 9 | 7,625 0 0 | 190 10 0 | 654 | .. | 81 12 0 | 38,958 5 9 |
| 11,767 | 0 | 0 | 5,883 8 0 | 15,258 | 7 | 9,536 5 9 | 2,675 0 0 | 66 14 0 | 760 | .. | 95 0 0 | 47,274 9 4 |
| 7,618 | 2 | 0 | 3,809 4 0 | 16,216 | 29 | 10,135 7 3 | 1,340 0 0 | 33 8 0 | 184 | .. | 23 0 0 | 53,223 9 9 |
| 10,896 | 0 | 14 | 5,448 1 0 | 12,603 | 15 | 7,877 1 9 | 5,200 0 0 | 130 0 0 | 834 | .. | 104 4 0 | 41,694 7 2 |
| 87,746 | 1 | 0 | 43,873 2 0 | 1,21,633 | 31 | 76,021 1 9 | 48,630 0 0 | 1,215 12 0 | 8,674 | 14 | 1,084 5 0 | 4,69,217 5 10 |
| 39 | 3 | 0 | 19 14 0 | 8,885 | 20 | 5,553 7 0 | 14,150 0 0 | 353 12 0 | 13,932 | .. | 1,741 8 0 | 16,919 0 10 |
| 63 | 0 | 0 | 31 8 0 | 6,469 | 26 | 4,043 11 0 | 12,550 0 0 | 313 12 0 | 18,218 | 14 | 2,277 5 0 | 22,915 5 0 |
| ...... | | | ...... | 12,649 | 32 | 7,906 2 0 | 21,450 0 0 | 536 4 0 | 19,801 | .. | 2,475 2 0 | 36,440 13 9 |
| ...... | | | ...... | 26,618 | 36 | 16,635 9 0 | 7,050 0 0 | 176 4 0 | 16,429 | .. | 2,053 10 0 | 40,584 12 2 |
| 133 | 0 | 14 | 66 9 0 | 26,465 | 36 | 16,541 3 0 | 1,300 0 0 | 32 8 0 | 22,955 | .. | 2,869 6 0 | 34,838 13 10 |
| 2 | 0 | 0 | 1 0 0 | 11,532 | 16 | 7,207 12 0 | 600 0 0 | 15 0 0 | 23,339 | .. | 2,917 6 0 | 16,513 15 7 |
| ...... | | | ...... | 5,208 | .. | 3,255 0 0 | 4,400 0 0 | 110 0 0 | 16,769 | .. | 2,096 2 0 | 12,479 1 0 |
| 1,035 | 2 | 0 | 517 12 0 | 6,123 | 8 | 3,827 0 0 | 3,400 0 0 | 85 0 0 | 18,171 | .. | 2,271 6 0 | 25,221 15 10 |
| ...... | | | ...... | 17,645 | 12 | 11,028 5 0 | 3,650 0 0 | 91 4 0 | 15,774 | .. | 1,971 12 0 | 25,879 7 0 |
| 425 | 0 | 0 | 212 8 0 | 16,820 | 32 | 10,513 0 0 | 2,300 0 0 | 57 8 0 | 27,561 | .. | 3,445 2 0 | 34,188 8 3 |
| 2,912 | 3 | 14 | 1,456 7 0 | 12,468 | .. | 7,792 8 0 | 5,100 0 0 | 127 8 0 | 20,441 | .. | 2,555 2 0 | 33,045 7 8 |
| 2,230 | 0 | 14 | 1,115 1 0 | 12,702 | 24 | 7,939 2 0 | 11,100 0 0 | 277 8 0 | 14,985 | .. | 1,873 2 0 | 29,984 7 5 |
| 6,841 | 1 | 14 | 3,420 11 0 | 1,63,748 | 12 | 1,02,342 11 0 | 87,050 0 0 | 2,176 4 0 | 2,28,375 | 14 | 28,546 15 0 | 3,29,111 12 4 |
| 30,55,871 | 3 | 14 | 15,27,935 15 0 | 5,19,207 | 9 | 3,24,504 8 3 | 1,26,44,397 8 0 | 3,16,109 15 0 | 5,16,297 | 24½ | 64,537 3 9 | 34,07,195 11 7 |
| 23,00,424 | 3 | 14 | 11,55,212 7 0 | 88,785 | 4 | 55,490 11 0 | 29,65,802 8 0 | 74,145 1 0 | .... | .. | ...... | 16,81,281 6 0 |
| 7,45,447 | 0 | 0 | 3,72,723 8 0 | 4,30,422 | 5 | 2,69,013 13 3 | 96,78,595 0 0 | 2,41,964 14 0 | 5,16,297 | 24½ | 64,537 3 9 | 17,58,034 15 1 |
| ...... | | | ...... | .... | .. | ...... | ...... | .... | .... | .. | ...... | —32,070 9 6 |
| | | | | | | | | | | | Net Revenue Rs. .. | 17,25,964 5 7 |

H. B. CLAYTON,

Municipal Commissioner

# Appendix No. 15.

STATEMENT showing the net Revenue derived on different dutiable articles during the last ten years commencing from 1913-14 to 1922-23.

| Articles. | 1913-14. | 1914-15. | 1915-16. | 1916-17. | 1917-18. | 1918-19. | 1919-20. | 1920-21. | 1921 22. | 1922-23. |
|---|---|---|---|---|---|---|---|---|---|---|
| Grain ... ... ... | @ annas 6.<br>4,23,562 8 5 | @ annas 6.<br>4,35,874 6 9 | @ annas 6.<br>6,37,104 4 0 | @ annas 6.<br>5,62,407 12 1 | @ annas 6.<br>6,24,658 10 4 | @ annas 6.<br>6,38,975 9 11 | @ annas 6.<br>6,34,833 11 3 | @ annas 6.<br>6,99,857 0 3 | @ annas 6.<br>5,66,686 0 7 | @ annas 6.<br>5,68,831 4 7 |
| Flour ... ... ... | @ annas 4½.<br>—37,921 5 0 | @ annas 4½.<br>—37,985 1 0 | @ annas 4½.<br>—41,744 7 0 | @ annas 4½.<br>—66,917 11 0 | @ annas 4½.<br>—85,338 1 6 | @ annas 4½.<br>—56,194 5 0 | @ annas 4½.<br>—43,202 4 0 | @ annas 4½.<br>—38,777 10 0 | @ annas 4½.<br>—39,237 14 0 | @ annas 4½.<br>—32,070 9 6 |
| Wines and Spirits ... | @ annas 4.<br>2,24,814 11 9 | @ annas 4.<br>2,34,402 3 9 | @ annas 4.<br>2,46,021 5 6 | @ annas 4.<br>2,73,935 2 4 | @ annas 4.<br>2,91,689 12 7 | @ annas 4.<br>2,87,731 15 7 | @ annas 4.<br>2,61,712 7 0 | @ annas 4.<br>3,00,348 4 9 | @ annas 4.<br>2,15,072 7 0 | @ annas 4.<br>2,23,137 7 9 |
| Beer ... ... ... | @ pies 6.<br>15,216 6 4 | @ pies 6.<br>14,359 8 5 | @ pies 6.<br>18,189 7 8 | @ pies 6.<br>23,578 14 5 | @ pies 6.<br>19,792 8 0 | @ pies 6.<br>28,927 7 11 | @ pies 6.<br>25,886 15 1 | @ pies 6.<br>13,121 12 5 | @ pies 6.<br>14,914 11 3 | @ pies 6.<br>18,826 11 9 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | @ annas 8. | @ annas 8. | @ annas 8. | @ annas 8. | @ annas 8. | @ annas 8. | @ annas 8. | @ annas 8. | @ annas 8. | @ annas 8. |
| Sugar... ... ... | 5,56,178 9 9 | —1,23,089 10 3 | 5,59,283 8 7 | 3,73,017 3 6 | 5,37,049 1 3 | 3,41,438 10 6 | 4,30,785 5 3 | 44,512 15 0 | 6,23,787 10 6 | 3,72,723 8 0 |
| | @ annas 10. | @ annas 10. | @ annas 10. | @ annas 10. | @ annas 10. | @ annas 10. | @ annas 10. | @ annas 10. | @ annas 10. | @ annas 10. |
| Ghee ... ... ... | 2,55,818 1 0 | 2,62,513 3 9 | 2,79,053 0 3 | 2,64,306 9 0 | 3,40,852 9 10 | 2,16,521 14 3 | 2,95,861 12 9 | 3,58,773 15 9 | 3,39,297 5 9 | 2,69,013 13 3 |
| | @ 2½°/o | @ 2½°/o | @ 2½°/o | @ 2½°/o | @ 2½°/o | @ 2½°/o | @ 2½°/o | @ 2½°/o | @ 2½°/o | @ 2½°/o |
| Timber ... ... | 2,09,486 8 6 | 1,98,770 0 0 | 2,05,571 2 4 | 3,45,539 0 11 | 3,98,020 12 2 | 2,28,983 12 1 | 4,45,539 14 9 | 5,44,425 10 9 | 4,29,210 5 10 | 2,41,964 14 0 |
| | @ annas 2. | @ annas 2. | @ annas 2. | @ annas 2. | @ annas 2. | @ annas 2. | @ annas 2. | @ annas 2. | @ annas 2. | @ annas 2. |
| Firewood ... ... | 69,738 3 9 | 60,844 9 6 | 68,179 10 6 | 65,392 4 6 | 85,369 2 6 | 93,423 15 6 | 76,036 9 4 | 77,755 9 10 | 75,721 13 7 | 64,537 3 9 |
| Total Rs... | 17,16,893 12 6 | 10,45,689 4 11 | 19,66,657 15 10 | 18,41,259 3 9 | 22,12,094 7 2 | 17,75,003 5 9 | 21,70,106 11 5 | 20,38,795 4 9 | 22,64,690 6 6 | 17,58,034 15 1 |

*N.B.*—This statement shows the net Revenue after deducting from gross collections refunds *passed* for payment by the Deputy Assessor and Town Duty Refund Officer though such refunds may not actually have been fully paid.

M. R. TAMBE,
Ag. Chief Accountant.

H. B. CLAYTON,
Municipal Commissioner.

## Appendix

STATEMENT showing the actual Collections, Refunds admitted and Net

| ARTICLES. | 1918-19. | | | 1919-20. | | |
|---|---|---|---|---|---|---|
| | Gross Collections. | Refunds. | Net Revenue. | Gross Collections. | Refunds. | Net Revenue. |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Grain ... ... ... ... ... | 13,47,243 10 11 | 7,13,268 1 0 | 6,33,975 9 11 | 14,10,408 4 3 | 7,75,574 9 0 | 6,34,833 11 3 |
| Flours ... ... ... ... ... | 6,824 5 0 | 63,018 10 0 | —56,194 5 0 | 16,372 12 0 | 59,665 0 0 | —43,292 4 0 |
| Wine and Spirits ... ... ... ... | 2,63,311 15 7 | 25,580 0 0 | 2,37,731 15 7 | 2,92,710 7 0 | 30,998 0 0 | 2,61,712 7 0 |
| Beer ... ... ... ... ... | 33,093 8 11 | 10,166 1 0 | 22,927 7 11 | 41,295 5 1 | 15,958 6 0 | 25,336 15 1 |
| Sugar ... ... ... ... ... | 5,75,620 5 6 | 12,34,181 11 0 | 3,41,438 10 6 | 14,53,072 5 3 | 10,22,287 0 0 | 4,30,785 5 3 |
| Ghee ... ... ... ... ... | 5,14,781 6 3 | 2,98,259 8 0 | 2,16,521 14 3 | 4,62,872 6 9 | 1,67,010 10 0 | 2,95,861 12 9 |
| Timber ... ... ... ... ... | 2,48,200 8 1 | ~~19,216 12 0~~ | ~~2,28,983 12 1~~ | ~~4,84,958 4 0~~ | ~~39,411 1 0~~ | 4,45,539 14 9 |
| Firewood ... ... ... ... ... | 1,01,724 10 6 | 8,300 11 0 | 93,423 15 6 | 76,052 9 4 | 16 0 0 | 76,036 9 4 |
| Total Rs. ... | 40,90,800 6 9 | 23,71,991 6 0 | 17,75,003 5 9 | 42,87,742 5 8 | 21,10,920 10 0 | 21,70,106 11 5 |

M. R. TAMBE,
Ag. Chief Accountant.

## No. 16.

Revenue during the five years from 1918-19 to 1922-23.

| 1920-21. | | | 1921-22. | | | 1922-23. | | |
|---|---|---|---|---|---|---|---|---|
| Gross Collections. | Refunds. | Net Revenue. | Gross Collections. | Refunds. | Net Revenue. | Gross Collections. | Refunds. | Net Revenue. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 11,70,595 2 3 | 4,70,738 2 0 | 6,99,857 0 3 | 11,38,184 10 7 | 5,71,498 10 0 | 5,66,686 0 7 | 9,03,703 4 7 | 3,34,872 0 0 | 5,68,831 4 7 |
| 2,602 7 0 | 41,380 1 0 | −38,777 10 0 | 1,065 11 0 | 40,303 9 0 | −39,237 14 0 | 3,849 5 6 | 35,919 15 0 | −32,070 9 6 |
| 3,25,914 0 9 | 25,565 12 0 | 3,00,348 4 9 | 2,34,779 7 0 | 19,707 0 0 | 2,15,072 7 0 | 2,36,311 5 9 | 14,173 14 0 | 2,22,137 7 9 |
| 30,957 8 5 | 17,835 7 0 | 13,121 12 5 | 29,681 4 3 | 14,766 9 0 | 14,914 11 3 | 30,244 1 9 | 11,417 6 0 | 18,826 11 9 |
| 9,29,060 12 0 | 8,84,547 13 0 | 44,512 15 0 | 15,76,649 5 6 | 9,52,861 11 0 | 6,23,787 10 6 | 15,27,935 15 0 | 11,55,212 7 0 | 3,72,723 8 0 |
| 4,49,668 13 9 | 90,894 14 0 | 3,58,773 15 9 | 3,68,783 1 9 | 29,485 12 0 | 3,39,297 5 9 | 3,24,504 8 3 | 55,490 11 0 | 2,69,013 13 3 |
| 6,09,220 15 9 | 64,795 5 0 | 5,44,425 10 9 | 5,08,512 8 10 | 79,301 14 0 | 4,29,210 5 10 | 3,16,109 15 0 | 74,145 1 0 | 2,41,964 14 0 |
| 77,755 9 10 | ...... | 77,755 9 10 | 75,721 13 7 | ......... | 75,721 13 7 | 64,537 3 9 | ...... | 64,537 3 9 |
| 35,95,805 0 9 | 15,95,787 6 0 | 20,38,795 4 9 | 39,38,377 9 6 | 17,07,925 1 0 | 22,64,690 6 6 | 34,07,195 11 7 | 16,81,231 6 0 | 17,58,034 15 1 |

H. B. CLAYTON,

Municipal Commissioner.

## Appendix

Statement showing Town Duty Collections from each source month by month with

| MONTH. | Grain and Pulse. | | Flour of all sorts. | | Wines and Spirits. | |
|---|---|---|---|---|---|---|
| Duty Collected by | 1921-22. | 1922-23. | 1921-22. | 1922-23. | 1921-22. | 1922-23. |
| **BOMBAY PORT TRUST.** | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| April ... ... ... | 1,14,508 8 8 | 64,824 11 3 | 11 10 0 | 95 10 0 | 13,612 0 11 | 13,619 11 3 |
| May ... ... ... | 96,579 0 5 | 26,746 14 9 | 45 2 0 | 105 13 0 | 10,748 5 9 | 12,136 13 6 |
| June ... ... ... | 66,930 1 11 | 43,551 1 3 | ...... | 400 14 6 | 10,503 12 3 | 9,918 2 5 |
| July ... ... ... | 36,827 10 6 | 40,655 10 9 | 188 7 0 | 273 9 0 | 9,170 2 8 | 8,929 2 1 |
| August ... ... ... | 29,900 4 3 | 35,796 14 0 | 85 5 0 | 292 5 0 | 6,653 15 5 | 11,506 14 5 |
| September ... ... | 58,540 8 3 | 24,029 10 9 | 48 7 0 | 506 5 0 | 6,623 2 0 | 7,588 7 8 |
| October ... ... ... | 53,065 4 6 | 27,795 8 0 | ...... | 547 9 0 | 12,027 14 2 | 7,646 0 3 |
| November ... ... | 37,744 9 9 | 30,607 2 9 | 16 13 0 | 263 5 0 | 7,041 2 9 | 9,253 14 0 |
| December ... ... | 95,197 13 9 | 32,013 6 6 | 35 14 0 | 270 9 0 | 8,772 2 8 | 10,407 8 7 |
| January ... ... ... | 70,640 7 0 | 25,231 13 0 | 66 1 0 | 258 13 0 | 7,665 7 1 | 13,032 5 3 |
| February ... ... ... | 50,821 5 0 | 51,435 7 6 | 45 5 0 | 433 2 0 | 9,004 12 7 | 10,666 9 6 |
| March ... ... ... | 35,030 1 0 | 71,771 1 9 | 42 1 0 | 392 11 0 | 28,696 10 0 | 11,275 5 .9 |
| Total ... | 7,45,785 11 0 | 4,74,459 6 3 | 585 1 0 | 3,840 9 6 | 1,30,519 8 3 | 1,25,980 14 8 |
| **G. I. P. RAILWAY.** | | | | | | |
| April ... ... ... | 17,540 10 0 | 20,448 4 0 | 190 15 0 | ...... | 124 8 0 | 8,313 6 9 |
| May ... ... ... | 33,675 15 0 | 31,530 11 0 | 111 13 0 | 0 13 0 | 20,600 2 4 | 63 0 0 |
| June ... ... ... | 21,812 11 0 | 16,544 9 0 | 19 8 0 | 1 4 0 | 45 0 0 | 15,658 0 3 |
| July ... ... ... | 25,646 4 0 | 11,111 1 0 | 51 9 0 | 0 13 0 | 20,861 11 3 | 15,058 4.10 |
| August ... ... ... | 19,410 15 0 | 17,397 0 0 | ...... | 0 8 0 | 27 8 0 | 8,412 14 9 |
| September ... ... | 18,613 0 0 | 9,479 4 0 | ...... | 1 5 0 | 78 8 0 | 8,234 14 10 |
| October ... ... ... | 13,412 4 0 | 19,372 3 0 | 0 6 0 | ...... | 9,845 4 5 | 76 8 0 |
| November ... ... | 12,532 9 0 | 23,421 2 0 | ...... | 1 9 0 | 9,348 8 10 | 20,384 6 2 |
| December ... ... | 26,197 15 0 | 22,472 12 0 | ...... | 0 8 0 | 12,293 14 4 | 39 0 0 |
| January ... ... ... | 13,718 0 0 | 24,282 12 0 | 0 13 0 | 2 0 0 | 7,493 0 10 | 7,395 15 7 |
| February ... ... ... | 19,272 13 0 | 20,980 9 0 | 99 12 0 | ...... | 19,779 7 9 | 18,228 1 6 |
| March ... ... ... | 27,524 10 0 | 20,487 2 0 | 5 4 0 | ...... | 54 0 0 | 7,557 14 5 |
| Total ... | 2,49,357 10 0 | 2,37,527 5 0 | 480 10 0 | 8 12 0 | 1,00,551 9 9 | 1,09,422 7 1 |
| **B.B. & C. I. RAILWAY.** | | | | | | |
| April ... ... ... | 8,307 10 0 | 9,250 7 10 | ...... | ...... | 293 0 0 | ...... |
| May ... ... ... | 28,998 15 5 | 16,202 9 0 | ...... | ...... | 257 4 0 | 46 8 0 |
| June ... ... ... | 13,832 15 0 | 25,388 5 9 | ...... | ...... | 317 8 0 | 135 0 0 |
| July ... ... ... | 22,672 11 7 | 21,718 11 2 | ...... | ...... | 192 0 0 | ...... |
| August ... ... ... | 8,480 11 0 | 15,314 3 10 | ...... | ...... | 391 9 0 | 15 0 0 |
| September ... ... | 4,206 2 0 | 6,217 13 7 | ...... | ...... | 466 4 0 | 55 0 0 |
| October ... ... ... | 5,014 7 7 | 7,015 15 0 | ...... | ...... | 208 0 0 | 2 0 0 |
| November ... ... | 3,320 0 0 | 18,317 5 10 | ...... | ...... | 281 4 0 | 303 8 0 |
| December ... ... ... | 12,164 3 9 | 12,788 2 0 | ...... | ...... | 292 8 0 | ...... |
| January ... ... ... | 8,399 6 0 | 19,790 6 3 | ...... | ...... | 442 8 0 | 170 0 0 |
| February ... ... ... | 16,871 12 3 | 21,007 14 8 | ...... | ...... | 484 0 0 | 106 0 0 |
| March ... ... ... | 10,772 7 0 | 18,704 10 5 | ...... | ...... | 82 8 0 | 75 0 0 |
| Total ... | 1,43,041 5 7 | 1,91,716 9 4 | ...... | ...... | 3,708 5 0 | 908 0 0 |
| GRAND TOTAL ... | 11,38,184 10 7 | 9,03,703 4 7 | 1,065 11 0 | 3,849 5 6 | 2,34,779 7 0 | 2,36,311 5 9 |
| *Deduct*—<br>REFUNDS PASSED BY THE DEPUTY ASSESSOR AND TOWN DUTY REFUND OFFICER. | 5,71,498 10 0 | 3,34,872 0 0 | 40,303 9 0 | 35,919 15 0 | 19,707 0 0 | 14,173 14 0 |
| NET REVENUE ... | 5,66,686 0 7<br>+ | 5,68,831 4 7 | — 39,237 14 0 | — 32,070 9 6 | 2,15,072 7 0 | 2,22,137 7 9 |

| | Rs. a. p. |
|---|---|
| Revenue from Town Duty— | |
| For 1921-22 ... ... ... ... | 22,25,452 8 6 |
| " 1922-23 ... ... ... ... | 17,25,964 5 7 |
| Decrease Rs. ... | 4,99,488 2 11 |

*Add*—Refunds admitted by the Deputy Assessor and T. D. R. Officer in 1921-22 ... Rs. 17,07,925 1 0
Refunds passed by the Accounts Office in 1921-22 ... ... ... ... ... " 16,92,934 12 0
Rs. 14,990 5 0

*Deduct*—Difference between collections payable on 1st April 1921 ... Rs. 39,182 5 3
" " " " " 1922 ... " 58,267 14 3
Rs. 19,085 9 0

*Deduct*—Difference between recoveries on account of Cotton Duty paid against collection of Town Duty, credited to Cotton Duty in 1921-22 ... ... ... ... Rs. 97,749 11 0
" " " 1922-23 ... " 9,568 10 8
Rs. 88,181 0 4

*Less*—Collection for 1920-21 credited in this office books in 1921-22 ... ... ... ... 6,498 11 0
Rs. 81,682 5 4
Rs. 1,00,767 14 4
Rs. 85,777 9 4

*Add*—Refunds admitted by the Deputy Assessor and T. D. R. Officer in 1922-23 ... Rs. 16,81,231 6 0
Refunds passed by the Accouts Office in 1922-23 ... ... ... ... ... " 16,90,390 15 0
Rs. 9,159 9 0

*Add*—Difference between collection payable on 1st April 1922 ... Rs. 58,267 14 3
" " " " " 1923 ... ... " 74,992 11 0
Rs. 16,724 12 9

*Add*—Recoveries on account of Cotton Duty paid against collection of Town Duty, credited to Cotton Duty in 1922-23. Rs. 9,568 10 8
*Less* Balance of Commission charges bill for January and February 1923 recovered by B. B. & C. I. Railway Company in 1923-24 ... " 1,054 0 9
Rs. 8,514 9 11
Rs. 25,239 6 8

M. R. TAMBE,
Acting Chief Accountant

## No. 17.

the refunds admitted for the year 1922-23, as contrasted with those for the year 1921-22.

| Beer. | | Sugar. | | Ghee. | | Timber. | | Firewood. | | Total monthly collection. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1921-22. | 1922-23. | 1921-22. | 1922-23. | 1921-22. | 1922-23. | 1921-22. | 1922-23. | 1921-22. | 1922-23. | 1921-22. | 1922-23. |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,401 0 6 | 2,609 0 0 | 1,08,879 5 0 | 1,51,533 10 9 | 22,794 12 9 | 12,643 2 0 | 45,092 9 4 | 22,792 1 2 | 7,310 11 3 | 6,708 13 0 | 3,13,610 10 5 | 2,74,826 11 5 |
| 1,242 4 6 | 6,231 11 0 | 66,221 5 6 | 1,45,462 6 9 | 26,609 10 3 | 16,980 2 6 | 50,062 7 4 | 37,543 14 8 | 6,162 5 4 | 2,629 10 6 | 2,57,670 9 1 | 2,47,837 6 8 |
| 2,880 0 0 | 2,442 0 0 | 54,992 15 6 | 69,655 4 0 | 3,806 15 9 | 2,069 1 0 | 50,513 14 8 | 26,020 9 5 | 38 8 0 | 16 10 0 | 1,89,666 4 1 | 1,54,073 10 7 |
| 945 12 0 | 2,223 7 0 | 72,505 2 0 | 1,18,829 7 0 | 27 3 0 | 287 13 6 | 17,136 11 7 | 6,099 9 5 | 12 4 0 | 2 2 0 | 1,36,813 4 9 | 1,77,300 12 9 |
| 3,366 14 0 | 1,578 10 0 | 1,52,035 11 0 | 1,91,711 5 0 | 5,892 8 9 | 5,758 2 6 | 42,002 12 0 | 32,765 12 0 | 12 8 6 | 13 11 0 | 2,39,949 14 11 | 2,79,423 9 11 |
| 3,348 0 6 | 3,361 10 0 | 66,872 3 0 | 1,04,357 1 6 | 13,586 4 0 | 12,181 3 3 | 32,184 5 6 | 11,140 11 1 | 47 14 0 | 77 15 6 | 1,81,245 12 3 | 1,63,243 0 9 |
| 2,898 12 6 | 1,463 7 0 | 2,48,555 4 0 | 1,94,386 0 6 | 22,161 15 6 | 18,532 7 9 | 40,080 13 8 | 31,329 1 3 | 2,135 6 0 | 1,965 6 0 | 3,80,925 6 4 | 2,83,665 7 9 |
| 1,836 8 0 | 3,070 10 9 | 2,33,436 2 0 | 73,981 12 3 | 12,196 9 9 | 12,719 4 3 | 37,972 14 10 | 37,286 14 3 | 3,908 3 0 | 2,188 2 6 | 3,34,152 15 1 | 1,69,371 1 9 |
| 4,248 8 3 | 1,353 4 0 | 1,47,336 13 6 | 28,985 3 0 | 14,525 15 3 | 17,952 1 3 | 66,932 4 10 | 35,900 9 4 | 3,537 4 0 | 3,144 6 6 | 3,40,586 12 3 | 1,30,027 0 2 |
| 2,390 0 0 | 2,486 9 0 | 1,28,188 8 0 | 67,003 3 6 | 18,887 14 0 | 19,707 14 6 | 36,216 12 1 | 30,072 9 3 | 4,630 0 0 | 5,712 13 6 | 2,68,685 1 2 | 1,63,506 1 0 |
| 2,955 4 0 | 1,843 0 0 | 1,27,647 8 6 | 1,80,509 5 3 | 17,393 0 6 | 13,863 2 0 | 48,502 14 5 | 24,766 0 1 | 5,211 10 9 | 5,673 12 0 | 2,61,581 12 9 | 2,89,190 6 4 |
| 1,246 0 0 | 1,515 10 0 | 1,13,659 2 6 | 1,54,227 6 6 | 20,789 5 6 | 13,446 5 0 | 35,895 1 7 | 17,000 3 1 | 6,802 13 9 | 6,772 9 3 | 2,42,161 3 4 | 2,76,401 4 4 |
| 28,754 0 3 | 30,178 14 9 | 15,20,330 0 6 | 14,80,642 2 0 | 1,78,672 3 0 | 1,46,140 11 6 | 5,02,593 9 10 | 3,12,717 15 0 | 39,809 8 7 | 34,905 15 9 | 31,47,049 10 5 | 26,08,866 9 5 |
| 66 10 0 | 3 4 0 | 6,706 0 0 | 3,613 12 0 | 6,285 11 3 | 3,241 2 3 | 245 8 0 | 58 2 0 | 189 12 0 | 78 8 0 | 31,349 10 3 | 35,756 7 0 |
| 143 12 0 | ...... | 6,391 5 0 | 1,747 8 0 | 5,230 11 9 | 5,392 8 0 | 310 10 0 | 61 4 0 | 431 0 0 | 256 9 0 | 66,895 5 1 | 39,052 5 0 |
| 65 0 0 | 18 15 0 | 2,746 5 0 | 3,249 2 0 | 4,842 8 0 | 2,992 2 3 | 373 7 0 | 213 4 0 | 422 2 0 | 89 3 0 | 30,326 9 0 | 38,766 7 6 |
| 46 12 0 | ...... | 3,013 11 0 | 3,162 5 0 | 1,919 10 6 | 4,865 1 9 | 361 8 0 | 89 1 0 | 90 7 0 | 25 0 0 | 51,991 8 9 | 34,311 10 7 |
| 35 12 0 | ...... | 6,968 4 0 | 4,287 10 0 | 1,680 9 6 | 1,934 1 9 | 183 0 0 | 135 1 0 | 44 6 0 | 64 4 0 | 28,350 6 6 | 32,231 7 6 |
| 8 10 0 | 14 10 0 | 4,263 1 0 | 1,901 3 0 | 3,598 2 6 | 2,254 10 9 | 67 4 0 | 105 12 0 | 38 7 0 | 46 0 0 | 26,667 10 6 | 22,037 11 7 |
| 32 8 0 | ...... | 4,525 7 0 | 3,846 8 0 | 4,326 3 0 | 6,122 15 3 | 197 6 0 | 100 8 0 | 10 2 0 | 165 3 0 | 32,349 8 5 | 29,683 13 3 |
| 227 8 0 | ...... | 3,699 11 0 | 2,781 11 0 | 7,373 0 9 | 9,640 5 3 | 51 9 0 | 31 12 0 | 51 6 0 | 55 10 0 | 33,284 4 7 | 56,316 7 5 |
| ...... | 1 14 0 | 4,114 2 0 | 4,142 10 0 | 7,157 7 6 | 12,029 3 9 | 58 0 0 | 190 10 0 | 100 4 0 | 81 12 0 | 49,921 10 10 | 38,958 5 9 |
| 205 10 0 | 12 2 0 | 4,065 14 0 | 5,883 8 0 | 6,514 1 6 | 9,536 5 9 | 74 2 0 | 66 14 0 | 154 12 0 | 95 0 0 | 32,226 5 4 | 47,274 9 4 |
| ...... | 13 12 0 | 4,132 4 0 | 3,809 4 0 | 9,143 6 3 | 10,135 7 3 | 231 6 0 | 33 8 0 | 138 8 0 | 23 0 0 | 52,797 9 0 | 53,223 9 9 |
| 73 2 0 | ...... | 4,840 14 0 | 5,448 1 0 | 12,994 15 3 | 7,877 1 9 | 67 8 0 | 130 0 0 | 103 10 0 | 104 4 0 | 45,663 15 3 | 41,604 7 2 |
| 905 4 0 | 64 9 0 | 55,466 14 0 | 43,873 2 0 | 71,066 7 9 | 76,021 1 9 | 2,221 4 0 | 1,215 12 0 | 1,774 12 0 | 1,084 5 0 | 4,81,824 7 6 | 4,69,217 5 10 |
| ...... | ...... | 7 0 0 | 19 14 0 | 5,833 10 0 | 5,553 7 0 | 188 0 0 | 353 12 0 | 2,548 13 0 | 1,741 8 0 | 17,178 1 0 | 16,919 0 10 |
| ...... | ...... | ...... | 31 8 0 | 6,933 13 0 | 4,043 11 0 | 312 8 0 | 313 12 0 | 1,594 8 0 | 2,277 5 0 | 38,097 0 5 | 22,915 5 0 |
| ...... | ...... | ...... | ...... | 14,544 7 0 | 7,906 2 0 | 422 8 0 | 536 4 0 | 3,258 10 0 | 2,475 2 0 | 32,376 0 0 | 36,440 13 9 |
| 22 0 0 | 0 10 0 | 330 2 0 | ...... | 15,508 0 0 | 16,635 9 0 | 567 8 0 | 176 4 0 | 3,062 14 0 | 2,053 10 0 | 42,355 3 0 | 40,584 12 2 |
| ...... | ...... | 94 1 0 | 66 9 0 | 27,488 8 0 | 16,541 3 1 | 160 0 0 | 32 8 0 | 3,240 4 0 | 2,869 6 0 | 39,855 1 7 | 34,838 13 10 |
| ...... | ...... | 131 12 0 | 1 0 0 | 10,107 11 0 | 7,307 12 0 | 100 0 0 | 15 0 0 | 3,147 2 0 | 2,917 6 0 | 18,158 15 0 | 16,513 15 7 |
| ...... | ...... | 84 9 0 | ...... | 6,483 11 0 | 3,255 0 0 | 162 8 0 | 110 0 0 | 3,210 0 0 | 2,096 2 0 | 15,163 3 7 | 12,479 1 0 |
| ...... | ...... | 111 10 0 | 517 12 0 | 1,808 15 0 | 3,827 0 0 | 307 8 0 | 85 0 0 | 1,921 14 0 | 2,271 6 0 | 7,751 3 0 | 25,321 15 10 |
| ...... | ...... | 1 12 0 | ...... | 2,503 12 0 | 11,028 5 0 | 358 12 0 | 91 4 0 | 2,929 0 0 | 1,971 12 0 | 18,249 15 9 | 25,879 7 0 |
| ...... | ...... | 2 7 0 | 212 8 0 | 6,015 9 0 | 10,513 0 0 | 587 8 0 | 57 8 0 | 3,626 2 0 | 3,445 2 0 | 19,073 8 0 | 34,188 8 3 |
| ...... | ...... | 87 12 0 | 1,456 7 0 | 11,068 4 0 | 7,792 8 0 | 264 6 0 | 127 8 0 | 2,818 14 0 | 2,555 2 0 | 31,595 0 3 | 33,045 7 8 |
| ...... | ...... | 1 6 0 | 1,115 1 0 | 10,748 3 0 | 7,939 2 0 | 266 4 0 | 277 8 0 | 2,779 8 0 | 1,873 2 0 | 24,650 4 0 | 29,984 7 5 |
| 22 0 0 | 0 10 0 | 852 7 0 | 3,420 11 0 | 1,19,044 7 0 | 1,02,342 11 1 | 3,697 6 0 | 2,176 4 0 | 34,137 9 0 | 28,546 15 0 | 3,04,503 7 7 | 3,29,111 12 4 |
| 29,681 4 3 | 30,244 1 9 | 15,76,649 5 6 | 15,27,935 15 0 | 3,68,783 1 9 | 3,24,504 8 3 | 5,08,512 3 10 | 3,16,109 15 0 | 75,721 13 7 | 64,537 3 9 | 39,33,377 9 6 | 34,07,195 11 7 |
| 14,766 9 0 | 11,417 6 0 | 9,52,861 11 0 | 11,55,212 7 0 | 29,485 12 0 | 55,490 11 0 | 79,301 14 0 | 74,145 1 0 | ...... | ...... | 17,07,925 1 0 | 16,81,231 6 0 |
| 14,914 11 3 | 18,826 11 9 | 6,28,787 10 6 | 3,72,723 8 0 | 3,39,297 5 9 | 2,69,013 13 3 | 4,29,210 5 10 | 2,41,964 14 0 | 75,721 13 7 | 64,537 3 9 | 22,64,690 6 6 | 17,58,034 15 1 |

Rs. 4,13,710 9 7

Rs. 34,398 15 8

Rs. 4,48,109 9 3 Decrease shown in Appendix No. 1.

H. B. CLAYTON,
Municipal Commissioner.

# Appendix

## Income of the Bombay Municipality from the year 1865

| Year. | Taxation Proper. | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gross Valuation. | House Rate. | Police Rate. | Lighting Rate. | Wheel Tax and Tolls. | Licenses for trades, Land Conveyances, Music, etc. | Town Duties. | Cotton Duty. | | Liquor Licenses. | Tobacco Licenses. |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | | Rs. | Rs. |
| 1865 .. .. | 1,20,14,655 | 10,57,379 | .... | .... | 2,32,698 | 2,023 | 5,04,789 | | | 1,45,873 | .... |
| 1866 .. .. | 1,48,94,893 | 7,16,004 | 83 | 98,417 | 3,13,330 | 2,72,665 | 5,132 | | | 46,924 | 1,20,390 |
| 1867 .. .. | 1,63,09,535 | 9,84,068 | 4,11,040 | 1,82,849 | 2,38,178 | 2,05,536 | ..... | | | 1,04,808 | 1,18,426 |
| 1868 .. ... | 1,47,49,075 | 9,20,587 | 3,75,607 | 2,46,071 | 2,68,514 | 2,08,820 | .... | | | 1,20,566 | 1,36,762 |
| 1869 .. .. | 1,39,41,260 | 7,99,306 | 2,59,583 | 2,48,406 | 2,57,574 | 1,50,351 | 3,03,298 | | | 2,49,077 | 1,51,178 |
| 1870 .. .. | 1,36,20,885 | 7,22,783 | 2,37,643 | 2,46,994 | 2,50,581 | 28,147 | 5,94,989 | | | 1,23,692 | 1,39,830 |
| 1871 .. .. | 1,34,26,845 | 6,75,489 | 2,30,409 | 2,30,256 | 2,05,521 | 7,655 | 4,51,496 | | | 1,15,170 | 1,28,046 |
| 1872 .. .. | 1,29,33,510 | 7,09,953 | 2,41,774 | 2,41,348 | 2,04,097 | 5,862 | 4,67,638 | | | 59,914 | 1,47,654 |
| 1873 .. .. | 1,26,71,816 | 7,01,013 | 2,37,282 | 2,37,050 | 2,16,053 | 87 | 4,46,924 | | | 2,79,074 | 1,48,792 |
| 1874 .. .. | 1,19,65,390 | 5,94,814 | 2,29,102 | 2,27,525 | 2,48,217 | 3,908 | 4,85,649 | | | 1,24,507 | 1,47,779 |
| 1875 .. .. | 1,15,55,066 | 5,52,738 | 2,20,569 | 2,16,632 | 2,45,274 | 594 | 6,72,987 | | | 1,58,980 | 1,45,956 |
| 1876 .. .. | 1,12,75,710 | 5,73,468 | 2,17,684 | 2,13,094 | 2,38,487 | 2,113 | 6,36,147 | | | 1,41,725 | 1,48,356 |
| 1877 .. .. | 1,14,77,690 | 5,47,541 | 2,20,061 | 2,14,670 | 2,44,369 | 1,948 | 7,51,019 | | | 85,697 | 1,49,562 |
| | | | Consolidated Rate. | | | | | | | | |
| 1878 .. .. | 1,15,37,118 | .... | 9,35,034 | .... | 2,14,560 | .... | 6,95,006 | | | 1,60,565 | 1,52,229 |
| 1879 .. .. | 1,14,93,417 | .... | 10,52,773 | .... | 2,25,569 | 3,563 | 5,33,617 | | | 1,43,750 | 1,65,029 |
| 1880 .. .. | 1,17,82,525 | .... | 8,99,634 | .... | 2,31,925 | 846 | 6,57,784 | | | 1,43,750 | 1,61[illegible] |
| 1881 .. .. | 1,17,14,470 | @8°/o | 10,58,810 | .... | 2,31,866 | 1,502 | 6,37,482 | | | 1,43,750 | 1,61,625 |
| | | | | | For 15 months, i.e., from 1st January 1882 to 31st March 1883, the calendar year | | | | | | |
| 1882-83 .. .. | 1,25,80,263 | .... | 12,34,975 | .... | 4,12,027 | .... | 8,17,199 | | | 1,43,750 | 2,06,014 |
| 1883-84 .. .. | 1,45,64,507 | @8°/o | 9,83,538 | .... | 2,55,227 | 3,417 | 6,67,113 | | | 1,79,687 | 1,74,306 |
| 1884-85 .. .. | 1,53,82,744 | Do. | 11,80,307 | .... | 3,09,552 | 4,305 | 7,73,431 | | | 1,43,750 | 1,72,622 |
| 1885-86 .. .. | 2,00,25,223 | Do. | 14,61,305 | .... | 3,32,485 | 4,525 | 6,79,293 | | | 1,43,750 | 1,79,177 |
| 1886-87 .. .. | 2,16,27,230 | @8¾°/o | 14,68,867 | .... | 3,19,561 | 8,913 | 10,12,152 | | | 1,43,750 | 1,90,250 |
| 1887-88 .. .. | 2,27,92,346 | @8°/o | 14,07,013 | .... | 3,36,993 | 4,050 | 9,95,750 | | | 1,43,750 | 1,84,168 |
| 1888-89 .. .. | 2,39,51,043 | Do. | 14,66,024 | .... | 3,14,571 | 45,471 | 7,25,897 | | | 1,43,750 | 1,91,297 |
| 1889-90 .. .. | 2,73,64,359 | Do. | 15,82,509 | .... | 3,25,616 | 52,792 | 6,67,065 | | | 1,43,750 | 1,90,922 |
| 1890-91 .. .. | 2,82,27,355 | Do. | 15,64,932 | .... | 3,56,648 | 60,451 | 9,79,520 | | | 1,43,750 | 1,80,284 |
| 1891-92 .. .. | 2,85,80,023 | Do. | 17,55,081 | .... | 3,42,973 | 75,101 | 8,40,222 | | | 1,43,750 | 1,86,151 |
| 1892-93 ... .. | 2,64,03,982 | Do. | 17,73,501 | .... | 3,44,905 | 79,376 | 9,73,928 | | | 1,43,750 | 1,86,703 |
| 1893-94 .. .. | 2,69,79,728 | Do. | 17,49,321 | .... | 3,51,175 | 85,817 | 8,97,256 | | | 1,43,750 | 1,86,829 |
| 1894-95 .. .. | 2,76,13,741 | Do. | 17,49,385 | .... | 3,56,082 | 95,137 | 8,88,542 | | | 1,43,750 | 2,05,348 |
| 1895-96 .. .. | 2,82,56,891 | Do. | 17,67,000 | ... | 3,65,525 | 96,335 | 9,10,851 | | | 1,43,750 | 2,17,475 |
| 1896-97 .. .. | 2,89,27,618 | Do. | 17,45,829 | .... | 2,46,681 | 74,085 | 6,45,144 | | | 1,43,750 | 1,82,867 |
| 1897-98 .. .. | 2,94,82,805 | Do. | 19,35,325 | .... | 3,46,838 | 88,663 | 9,51,424 | | | 1,43,750 | 1,89,323 |
| 1898-99 .. .. | 2,98,53,636 | @9°/o | 21,06,995 | .... | 3,39,197 | 87,754 | 11,17,161 | | | 1,43,750 | 2,08,544 |
| 1899-1900 .. | 3,05,17,091 | @12°/o | 28,74,389 | .... | 3,02,748 | 90,346 | 15,94,721 | | | 1,43,750 | 2,21,338 |
| 1900-1901 .. | 3,13,75,106 | Do. | 28,94,971 | .... | 3,21,366 | 95,702 | 11,31,371 | | | 1,43,750 | 2,16,939 |
| 1901-02 .. .. | 3,18,11,625 | @10°/o | 25,72,001 | .... | 3,40,747 | 92,733 | 8,62,123 | | | 1,43,750 | 2,33,065 |
| 1902-03 .. .. | 3,18,91,400 | Do. | 25,81,510 | .... | 3,71,013 | 1,02,070 | 12,19,346 | | | 1,43,750 | 2,44,092 |
| 1903-04 .. .. | 3,44,49,899 | Do. | 27,64,974 | .... | 3,28,070 | 1,05,511 | 11,68,973 | | | 1,43,750 | 2,40,064 |
| 1904-05 ... .. | 3,54,15,934 | Do. | 30,26,572 | .... | 4,19,587 | 1,03,772 | 14,16,943 | | | 1,43,750 | 2,60,744 |
| 1905-06 .. .. | 3,81,90,177 | @8⅝°/o | 27,55,778 | .... | 4,48,343 | 98,923 | 11,68,450 | | | 1,43,750 | 2,72,779 |
| 1906-07 .. .. | 4,14,48,901 | Do. | 29,58,345 | .... | 4,42,749 | 1,03,221 | 13,34,074 | | | 1,43,750 | 2,65,828 |
| 1907-08 .. .. | 4,42,79,940 | @8°/o | 29,74,517 | .... | 4,29,892 | 1,06,284 | 13,90,203 | | | 1,43,750 | 2,80,355 |
| 1908-09 .. .. | 4,68,75,766 | Do. | 31,47,349 | .... | 4,79,857 | 1,19,278 | 12,96,320 | | | 1,43,750 | 2,78,890 |
| 1909-10 .. .. | 4,94,44,987 | Do. | 38,05,816 | .... | 5,01,553 | 97,754 | 14,23,491 | | | 1,43,750 | 2,80,614 |
| 1910-11 .. .. | 5,20,51,478 | @9⅛°/o | 43,61,660 | .... | 4,72,198 | 99,814 | 16,86,660 | Levied for the first time from 1st January 1921. | | 1,43,750 | 2,59,907 |
| 1911-12 .. .. | 5,36,02,464 | @10⅛°/o | 47,42,693 | .... | 4,69,487 | 1,13,777 | 12,47,097 | | | 1,43,750 | 2,78,896 |
| 1912-13 .. .. | 5,51,71,773 | Do. | 47,18,833 | .... | 5,23,522 | 1,21,773 | 17,42,131 | | | 1,43,750 | 2,83,526 |
| 1913-14 .. .. | 5,79,47,463 | Do. | 46,41,022 | .... | 5,61,500 | 1,29,771 | 17,30,637 | | | 1,43,750 | 2,91,283 |
| 1914-15 .. .. | 5,98,41,390 | @9½% | 48,49,431 | .... | 5,19,818 | 1,27,640 | 9,32,310 | | | 1,43,750 | 2,92,036 |
| 1915-16 .. .. | 6,34,16,191 | Do. | 52,31,257 | .... | 5,18,778 | 1,27,587 | 20,19,097 | | | 1,43,750 | 3,04,644 |
| 1916-17 .. .. | 6,54,13,855 | Do. | 52,16,432 | .... | 5,61,416 | 1,31,072 | 18,70,335 | | | 1,43,755 | 3,52,877 |
| 1917-18 .. .. | 6,89,28,001 | Do. | 54,75,264 | .... | 5,86,976 | 1,58,940 | 20,40,305 | | | 1,43,750 | 3,71,291 |
| 1918-19 .. .. | 8,29,75,130 | Do. | 72,19,049 | .... | 6,04,640 | 1,53,340 | 19,54,583 | | | 1,43,750 | 3,86,009 |
| 1919-20 .. .. | .... | Do. | 74,65,411 | .... | 6,11,812 | 1,66,515 | 21,03,440 | | | 1,43,750 | 4,16,261 |
| 1920-21 .. .. | .... | Do. | 74,88,793 | .... | 7,33,766 | 1,68,785 | 21,19,082 | 3,77,100 | | 1,43,750 | 4,41,881 |
| 1921-22 .. .. | .... | Do. | 84,79,101 | .... | 7,85,667 | 1,69,188 | 21,39,675 | 14,92,152 | | 1,43,750 | 3,78,331 |
| 1922-23 .. .. | .... | @11% | 1,04,91,115 | .... | 12,15,390 | 1,74,981 | 16,90,372 | 16,23,024 | | 1,43,750 | 3,81,343 |

M. R. TAMBE,
Acting Chief Accountant.

# No. 18.

to close of the financial year 1922-23.

| | Contribution from Insurance Companies or Fire Tax. | Total Taxation Proper. | SERVICES RENDERED. | | Total services rendered. | MISCELLANEOUS. | | Total Income. | Year. | Population by Census. | Incidence of taxation per head of population. | Five years' average annual income. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Halalkhore Tax. | Water Tax. | | Government contribution for Police and City Improvement Trust. | Returns from Property and Miscellaneous. | | | | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | | Rs. a. p. | Rs. |
| .... | .... | 19,42,762 | .... | 1,78,719 | 1,78,719 | .... | 2,42,306 | 23,63,787 | 1865 | 8,16,562 | 2 9 6 | 31,12,976 |
| .... | .... | 18,66,545 | 1,92,852 | 6,49,121 | 8,41,973 | .... | 2,06,154 | 29,14,672 | 1866 | .... | 3 5 1 | |
| .... | .... | 22,44,905 | 1,45,824 | 3,73,006 | 5,18,830 | 1,50,000 | 1,26,789 | 30,40,524 | 1867 | .... | 3 6 1 | |
| .... | .... | 22,76,927 | 3,91,454 | 4,98,377 | 8,89,831 | 2,60,129 | 4,25,787 | 38,52,674 | 1868 | ... | 3 14 0 | |
| .... | .... | 24,18,773 | 2,30,562 | 3,62,998 | 5,93,560 | 1,09,882 | 2,71,011 | 33,93,226 | 1869 | .... | 3 11 0 | |
| .... | .... | 23,44,659 | 2,13,197 | 3,66,986 | 5,80,183 | 1,09,882 | 2,73,025 | 33,07,749 | 1870 | .... | 3 9 3 | 31,06,534 |
| .... | .... | 20,44,042 | 1,99,986 | 3,57,578 | 5,57,564 | .... | 2,69,554 | 28,71,160 | 1871 | .... | 3 2 11 | |
| .... | .... | 20,78,240 | 2,17,071 | 4,07,835 | 6,24,906 | .... | 3,45,185 | 30,48,331 | 1872 | 6,44,405 | 4 3 1 | |
| .... | .... | 20,66,275 | 2,00,590 | 4,00,639 | 6,01,229 | .... | 4,56,604 | 33,24,108 | 1873 | .... | 4 7 2 | |
| .... | 16,519 | 20,78,020 | 1,92,235 | 3,63,087 | 5,55,322 | .... | 3,47,980 | 29,81,322 | 1874 | .... | 4 1 4 | |
| .... | 14,355 | 22,28,085 | 1,94,215 | 3,00,212 | 4,94,427 | 90,000 | 3,31,014 | 31,43,526 | 1875 | .... | 4 3 7 | 32,09,805 |
| .... | 13,922 | 21,84,986 | 2,04,077 | 3,08,377 | 5,12,454 | 90,000 | 3,90,283 | 31,77,723 | 1876 | .... | 4 2 11 | |
| .... | 19,164 | 22,34,031 | 2,01,299 | 3,11,823 | 5,13,122 | 90 000 | 4,04,299 | 32,41,452 | 1877 | .... | 4 4 2 | |
| .... | 22,573 | 21,79,968 | 1,95,380 | 2,92,780 | 4,88,160 | 90,000 | 3,87,025 | 31,45,153 | 1878 | .... | 4 2 2 | |
| .... | 20,761 | 21,45,062 | 2,42,015 | 3,54,798 | 5,96,813 | 90,000 | 5,09,299 | 33,41,174 | 1879 | .... | 4 4 0 | |
| .... | 23,911 | 21,18,977 | 2,03,047 | 3,90,703 | 5,93,750 | 75,000 | 4,64,173 | 32,51,870 | 1880 | .... | 4 4 | 39,37,843 |
| .... | 24,059 | 22,59,094 | 2,81,805 | 5,21,819 | 8,06,624 | 60,000 | 7,57,976 | 38,73,694 | 1881 | 7,73,196 | 3 15 5 | |

being changed to the financial year the income was as follows:—

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .... | 32,000 | 28,45,965 | 3,28,916 | 6,70,677 | 8,99,593 | 91,125 | 6,76,575 | 46,12,240 | 1882-83 | .... | 4 15 6 | |
| .... | 24,708 | 22,87,996 | 2,43,557 | 5,47,647 | 7,91,204 | 85,672 | 5,72,400 | 37,37,272 | 1883-84 | .... | 3 15 8 | |
| .... | 25,517 | 25,83,967 | 2,89,616 | 5,96,123 | 8,85,739 | 90,000 | 6,54,162 | 42,13,868 | 1884-85 | .... | 4 7 9 | |
| .... | 29,914 | 28,30,449 | 3,16,787 | 6,65,370 | 9,82,157 | 90,000 | 5,71,367 | 44,73,973 | 1885-86 | .... | 4 14 10 | 49,70,136 |
| .... | 29,776 | 31,88,299 | 3,18,630 | 7,74,651 | 10,93,281 | .... | 6,20,214 | 49,01,814 | 1886-87 | .... | 5 8 7 | |
| (a) Fire tax | 37,857 | 31,10,581 | 3,72,258 | 8,83,724 | 12,55,982 | .... | 7,99,967 | 51,66,530 | 1887-88 | .... | 5 10 4 | |
| @½°/o | 34,708 | 29,21,718 | 3,90,039 | 9,63,804 | 13,53,843 | .... | 6,90,632 | 49,66,193 | 1888-89 | .... | 5 8 5 | |
| .... | (a) 79,187 | 30,41,841 | 4,73,919 | 11,23,006 | 15,96,925 | .... | 7,03,403 | 53,42,169 | 1889-90 | .... | 5 15 11 | |
| @⅜°/o | 1,25,345 | 34,10,930 | 5,27,222 | 11,49,198 | 16,76,420 | .... | (a) 10,78,551 | 61,65,901 | 1890-91 | .... | 6 9 3 | 64,74,819 |
| Do. | 1,64,263 | 35,07,542 | 5,55,877 | 11,81,429 | 17,37,306 | .... | 9,88,335 | 62,33,183 | 1891-92 | 8,21,764 | 6 6 1 | |
| Do. | 1,65,838 | 36,68,001 | 6,22,200 | 14,07,081 | 20,29,281 | .... | 9,75,661 | 66,72,943 | 1892-93 | .... | 6 14 11 | |
| @½°/o | 1,10,504 | 35,24,652 | 5,82,026 | 13,86,828 | 18,68,854 | .... | (b) 13,69,180 | 67,62,695 | 1893-94 | .... | 6 9 0 | |
| Do. | 1,09,325 | 35,47,560 | 6,81,557 | 13,88,265 | 20,69,822 | .... | 9,21,981 | 65,39,372 | 1894-95 | .... | 6 13 4 | |
| Do. | 1,10,437 | 36,11,373 | 6,57,812 | 14,42,895 | 21,00,707 | .... | (c) 10,49,630 | 67,61,710 | 1895-96 | .... | 6 15 2 | 72,21,695 |
| Do. | 1,09,138 | 31,47,494 | 6,88,486 | 13,98,410 | 20,86,896 | .... | 9,74,589 | 62,08,978 | 1896-97 | .... | 6 5 10 | |
| Do. | 1,20,961 | 37,76,284 | 7,35,485 | 13,29,852 | 20,65,337 | .... | (d) 13,03,939 | 71,45,560 | 1897-98 | .... | 7 1 8 | |
| Do. | 1,17,219 | 41,20,620 | 7,13,122 | 15,00,970 | 22,14,092 | .... | 8,27,199 | 71,61,911 | 1898-99 | .... | 7 11 4 | |
| Do | 1,20,127 | 53,47,419 | 7,25,264 | 17,72,967 | 24,98,231 | .... | 9,84,167 | 88,29,817 | 1899-1900 | .... | 8 8 9 | |
| Do. | 1,20,647 | 49,24,736 | 7,14,440 | 17,35,635 | 24,50,075 | .... | 10,28,037 | 84,02,848 | 1900-01 | .... | 8 15 7 | 84,32,900 |
| Do. | 1,27,570 | 43,71,989 | 7,88,439 | 15,47,120 | 23,35,559 | .... | 10,59,181 | 77,66,729 | 1901-02 | 7,76,006 | 8 10 3 | |
| Do. | 1,29,049 | 47,90,830 | 7,95,984 | 15,13,976 | 23,09,960 | .... | 10,74,898 | 81,75,088 | 1902-03 | .... | 9 2 4 | |
| Do. | 1,38,163 | 49,50,505 | 8,10,610 | 15,71,566 | 23,82,176 | .... | 11,40,944 | 84,82,625 | 1903-04 | .... | 9 7 4 | |
| Do. | 1,51,302 | 55,22,670 | 8,75,194 | 17,14,453 | 25,89,647 | .... | 12,23,794 | 93,36,111 | 1904-05 | .... | 10 7 3 | |
| @⅜°/o | 1,20,057 | 50,06,080 | 9,32,655 | 18,57,780 | 27,90,435 | .... | 12,96,024 | 90,92,539 | 1905-06 | .... | 10 0 9 | 1,00,26,055 |
| Do. | 1,28,631 | 53,76,598 | 9,91,302 | 19,38,429 | 29,29,791 | .... | 13,42,112 | 96,48,561 | 1906-07 | 9,77,822 | 8 7 10 | |
| Do. | 1,39,329 | 54,64,330 | 10,46,874 | 19,48,830 | 29,95,704 | .... | 14,29,290 | 98,89,524 | 1907-08 | .... | 8 10 5 | |
| Do. | 1,47,522 | 56,12,966 | 11,19,322 | 20,04,189 | 31,23,411 | .... | 15,49,671 | 1,02,86,048 | 1908-09 | .... | 8 14 11 | |
| Do. | 1,63,267 | 64,16,245 | 11,92,348 | 20,11,788 | 32,04,134 | .... | 15,93,485 | 1,12,13,864 | 1909-10 | .... | 9 13 5 | |
| @½% | 2,15,094 | 72,38,583 | 12,32,951 | 19,95,327 | 32,28,278 | .... | 17,29,288 | 1,21,96,149 | 1910-11 | 9,79,445 | 10 11 0 | |
| Do. | 2,38,627 | 72,29,327 | 12,92,697 | 20,79,120 | 33,71,817 | .... | 20,54,645 | 1,26,55,789 | 1911-12 | .... | 10 13 2 | 1,25,76,679 |
| Do. | 2,33,029 | 77,66,564 | 13,50,833 | 21,70,948 | 35,21,781 | .... | (e) 14,53,244 | 1,27,41,569 | 1912-13 | .... | 11 8 5 | |
| Do. | 2,44,283 | 77,42,246 | 13,85,128 | 22,85,434 | 36,70,562 | | 14,63,693 | 1,28,76,501 | 1913-14 | .... | 11 10 5 | |
| @⅜°/o | 1,92,049 | 70,57,003 | 14,17,648 | 22,16,012 | 36,33,660 | | 17,22,703 | 1,24,13,966 | 1914-15 | .... | 10 14 8 | |
| Do. | 2,06,494 | 85,51,602 | 14,68,587 | 23,28,021 | 37,91,608 | | 14,87,860 | 1,38,31,070 | 1915-16 | .... | 12 9 8 | |
| Do. | 2,05,911 | 84,51,793 | 15,25,637 | 24,71,834 | 39,97,471 | .... | 15,69,475 | 1,40,48,739 | 1916-17 | .... | 12 11 11 | 1,56,80,061 |
| Do. | 2,16,130 | 89,98,666 | 16,13,123 | 26,97,720 | 43,10,843 | .... | 15,25,888 | 1,48,29,386 | 1917-18 | .... | 13 9 4 | |
| Do. | 2,84,962 | 1,07,46,333 | 18,34,068 | 29,77,602 | 48,11,670 | .... | 18,16,181 | 1,73,74,184 | 1918-19 | .... | 15 14 2 | |
| Do. | 2,92,625 | 1,11,99,814 | 19,39,162 | 30,93,308 | 50,32,470 | .... | 20,84,643 | 1,83,16,927 | 1919-20 | .... | 16 9 2 | |
| Do. | 2,95,541 | 1,17,68,705 | 21,33,991 | 33,31,036 | 54,65,028 | .... | 29,09,466 | 2,01,43,197 | 1920-21 | 11,75,914 | 14 10 3 | 2,01,43,197 |
| Do. | 3,34,872 | 1,39,22,196 | 23,74,867 | 36,18,899 | 59,93,766 | .. | 32,31,047 | 2,31,47,009 | 1921-22 | .... | 16 15 0 | 2,31,47,009 |
| Do. | 4,75,604 | 1,61,95,379 | 26,47,245 | 48,48,252 | 71,95,497 | .... | 30,62,387 | 2,67,53,463 | 1922-23 | .... | .... | 2,67,53,463 |

(a) Includes Rs. 2,32,544 for arrear recoveries for work done.

(b) Rs. 4,58,699 adjusted on account of premia on loans.

(c) Includes premia of Rs. 97,749 on loan raised.

(d) Includes rebate of Plague expenses amounting to Rs 4,37,058.

(e) Exclusive of the amount of interest realized on Sinking and Special Funds which was hitherto treated as Income.

H. B. CLAYTON,
Municipal Commissioner.

# Appendix

Expenditure of the Bombay Municipality from the

| Year. | General Superintendence. | Assessment and Collection. | Fire Brigade. | Public Works (Engineering) Department. | Public Health Department. | General Stores. | Pensions and Gratuities. | Police Charges. | Education. | Medical Relief. | Debt. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1865 | 94,354 | 1,26,472 | Not traceable. | 31,52,722 | 8,15,914 | Not traceable. | 845 | 1,41,931 | .... | ... | ... |
| 1866 | 1,31,622 | 53,638 | | 13,32,917 | 14,40,293 | | 14,430 | 3,96,169 | .. . | .. .. | 20,554 |
| 1867 | 61,337 | 71,531 | | 17,38,626 | 14,26,321 | | 2,580 | 4,25,423 | .... | ... | 73,360 |
| 1868 | 70,890 | 87,602 | 22,708 | 12,29,594 | 10.45,862 | 9,012 | 3,733 | 4,17,083 | .... | .... | 2, 9,977 |
| 1869 | 1,09,279 | 1,25,691 | 23,318 | 12,51,429 | 8,57,425 | 8,312 | 5,634 | 3,25,637 | .... | .... | 3,81,368 |
| 1870 | 1,32,202 | 1,12,498 | 30,896 | 13,73,987 | 8,29,784 | 8,046 | 10,354 | 4,24,905 | .. | .... | 4,46,187 |
| 1871 | 1,22,858 | 1,12,851 | 31,261 | 16,11,527 | 7,84,485 | 6,482 | 7,758 | 5,90,579 | 7,948 | .... | 4,75,704 |
| 1872 | 1,15,930 | 1,38,354 | 4,435 | 12,88,987 | 7,61,854 | * | 7,221 | 3,27,209 | 9,321 | .... | 2,52,971 |
| 1873 | 1,16,575 | 1,41,3[illegible]8 | 20,646 | 10,70,919 | 7,96,860 | * | 6,996 | 3,40,892 | 10,000 | .... | 5,05,270 |
| 1874 | 1,11,860 | 1,29,023 | 25,316 | 10,53,829 | 7,38,139 | * | 8,080 | 2,44,325 | 10,000 | .. . | 3,[illegible]9,028 |
| 1875 | 1,13,902 | 1,38,708 | 20,063 | 9,90,091 | 7,42,958 | * | 8,691 | 3,52,920 | 10,000 | 36,000 | 7,15,561 |
| 1876 | 1,09,189 | 1,42,267 | 37,754 | 9,70,195 | 7,07,681 | .... | 11,157 | 3,57,734 | 10,000 | 36,000 | 7,09,127 |
| 1877 | 1,10,164 | 1,43,672 | 24,193 | 8,96,548 | 7,49,550 | .... | 8,301 | 3,54,535 | 10,000 | 36,000 | 6,27,792 |
| 1878 | 1,15,597 | 1,44,40[illegible] | 27,517 | 8,13,057 | 7,90,481 | .. . | 8,008 | 3,61,581 | 15,000 | 36 000 | 8,66,223 |
| 1879 | 1,21,997 | 1,34,372 | 23,980 | 8,35,687 | 8,04,295 | .... | 12,084 | 3,64 304 | 17,000 | 36,000 | 6,91.903 |
| 1880 | 1,28,493 | 1,37,723 | 24,800 | 8,86,191 | 7,52,410 | .... | 7,749 | 3,59,166 | 17,500 | 36,000 | 6,42,880 |
| 1881 | 1,28,951 | 1,52,107 | 21,242 | 9,16,699 | 7,9[illegible],021 | .. . | 8,658 | 3,57,752 | 17,500 | 20,435 | 7,47,209 |
| | | | | | | For 15 months from 1st January 1882 to 31st March 1883, the calendar | | | | | |
| 1882-83 | 1,82,715 | 1,87,858 | 73,665 | 14,01,108 | 10,14,785 | ... | 12,803 | 4,54,034 | 28,125 | 34,948 | 12,28,882 |
| 1883-84 | 2,01,021 | 1,48,317 | 55,389 | 10,55,338 | 9,16,316 | .... | 40,833 | 3,62,508 | 22.500 | 27,832 | 8,12,061 |
| 1884-85 | 1,65,258 | 1,64,917 | 64,977 | 11,51,551 | 9,19,967 | .... | 23,293 | 3,61,748 | 22,500 | 34,512 | 7.37,608 |
| 1885-86 | 1,66,827 | 1,84 717 | 43,854 | 12,34,529 | 3,95,607 | .... | 18,31[illegible] | 3,59,223 | 23,700 | 31,349 | 7,87,527 |
| 1886-87 | 1,73,050 | 2,17,134 | 70,904 | 13,03,859 | 10,10,118 | . .. | 19,133 | 2,61,914 | 32,604 | 48,386 | 8,93,553 |
| 1887-88 | 1,70,945 | 2,12,138 | 69,670 | 13,64,393 | 10,75,735 | .... | 80,531 | 2,61,348 | 1,34,715 | 40,758 | 28,27,682 |
| 1888-89 | 1,69,223 | 1,98,620 | 1,12,828 | 14,91,041 | 11,5[illegible],410 | .... | 19,470 | 2,59,140 | 50,982 | 36,857 | 14,90,115 |
| 1889-90 | 1,77,133 | 1,92,643 | 93,907 | 13,62,241 | 11,96,577 | .... | 29,139 | 2,58,285 | 60,358 | 35,246 | 14,85,711 |
| 1890-91 | 1,82,198 | 2,23,854 | 1,29,291 | 15,92,034 | 13,02,064 | . . | 32,117 | 2,58,285 | 68,646 | 38,601 | 15,52,189 |
| 1891-92 | 1,91,02[illegible] | 2,41,902 | 88,671 | 15,92,073 | 12,92,529 | .. | 33,890 | 2,58,285 | 80,722 | 50,284 | 16,37,405 |
| 1892-93 | 1,90,920 | 2,52,1[illegible]3 | 1,47,694 | 17,72,512 | 13,01,563 | .. . | 29,845 | 3,63,625 | 87,[illegible]65 | 49,576 | 21,97,233 |
| 1893-94 | 2,29,617 | 2,42,413 | 1,06,315 | 15,41,703 | 13,39,614 | . | 37,500 | 3,80,272 | 88,015 | 52,476 | 21,27,457 |
| 1894-95 | 2,11,621 | 2,47,771 | 1,14,144 | 16,67,335 | 13,70,168 | .... | 46,568 | 3,74,022 | 87,290 | 61,456 | 20,26,571 |
| 1895-96 | 1,99,317 | 2,40,990 | 1,15,991 | 17,31,317 | 13,75,234 | ... | 48,452 | 5,01,096 | 88,481 | 56,260 | 21,1[illegible]651 |
| 1896-97 | 1,99,641 | 2,48,159 | 1,07,654 | 15,55,649 | 14,09,867 | .... | 54,601 | 5,51,589 | 83,889 | 53,101 | 20,56,122 |
| 1897-98 | 2,14,792 | 2,50,483 | 1,18,508 | 16,10,387 | 15,86,633 | .... | 70,096 | 5,00,000 | 1,02,624 | 54,233 | 22,60,571 |
| 1898-99 | 2,10,380 | 2,57,182 | 1,09,076 | 14,19,617 | 16,59,174 | . .. | 56,866 | 5,01,013 | 1,14,776 | 55,201 | 24,81,138 |
| 1899-1900 | 1,97,643 | 2,72,850 | 1,17,098 | 16,01,898 | 20,30,444 | .... | 66,034 | 5,00,000 | 1,11,990 | 54,997 | 23,40,269 |
| 1900-01 | 2,28,044 | 3,26,719 | 1,18,639 | 17,01,178 | 21,68,479 | .... | 75,929 | 6,02,455 | 1,11,980 | 58,977 | 25,03,311 |
| 1901-02 | 2,18,096 | 2,94,004 | 1,21,728 | 15,71,437 | 20,07,064 | . .. | 76,440 | 5,00,022 | 1,12,513 | 57,000 | 26,56,575 |
| 1902-03 | 2,16,767 | 2,92,939 | 1,10,182 | 15,90,956 | 20,05,939 | .... | 68,852 | 5 97,504 | 1,10,474 | 56,290 | 27,11,361 |
| 1903-04 | 2,34,069 | 2,99,459 | 1,24,119 | 16,65,761 | 19,79,374 | .... | 57 487 | 5,00,851 | 1,12,858 | 54,625 | 29,18,564 |
| 1904-05 | 2,29.315 | 3,18,017 | 1,34,282 | 18,81,039 | 18,46.402 | 15,904 | 74,334 | 5,01,076 | 1,59,763 | 57,000 | 28,33,563 |
| 1905-06 | 2,43,603 | 3,24,580 | 1,23,986 | 19,54,844 | 19,91,160 | 19,269 | 71,778 | 5,00,000 | 1,61,420 | 57,606 | 29,82.971 |
| 1906-07 | 3,06,305 | 3,29,381 | 1,28,015 | 19,89,665 | 21,46,791 | 27,369 | 75,303 | 5,01.862 | 1 65,815 | 56,218 | 31,77,715 |
| 1907-08 | 2,59,564 | 3,66,403 | 1,69,574 | 21,17,200 | 22,87,706 | 31,328 | 74,395 | 1,38,460 | 2,65,350 | 4,50,151 | 32,26,948 |
| 1908-09 | 2,71,046 | 3,73,684 | 1,71,929 | 23,92,891 | 24.34,002 | 29,456 | 65,623 | .... | 2,76,685 | 4 64,535 | 32,98,247 |
| 1909-10 | 3.09,102 | 3,69,460 | 1,66,963 | 23,86,781 | 23,64,080 | 30,859 | 69,817 | .... | 2,93,256 | 4,62,579 | 33,77,184 |
| 1910-11 | 2,89,088 | 3,85,546 | 1,88,087 | 24,16,332 | 21,03,537 | 31,063 | 84.294 | . .. | 4,17,124 | 4,64,416 | 36,07,569 |
| 1911-12 | 2,93,6[illegible] | 3,75,204 | 1,79,978 | 24,87,700 | 21,40,626 | 33,054 | 86,701 | . | 4,20,311 | 4,72,858 | 37,14,629 |
| 1912-13 | 3,14,525 | 4,40,506 | 3,27,304 | 25.52,[illegible]34 | 23,15,541 | 34,069 | 96,913 | .... | 4,18,511 | 4,46,160 | 33,48,397 |
| 1913-14 | 3,11,659 | 4,41,694 | 1,66,104 | 29,41,742 | 23,09,128 | 35,094 | 1,07,499 | .... | 4,85,285 | 4,41,840 | 34,34,230 |
| 1914-15 | 3,13,576 | 4,16,898 | 1,85,577 | 30,02,430 | 23,15,264 | 36,771 | 1,11,204 | .... | 5,03,224 | 4,39,260 | 37,62,252 |
| 1915-16 | 3,19,660 | 4,51,638 | 1,92,455 | 30,13,184 | 23,93,411 | 38,277 | 1,15,167 | .. . | 5,43,346 | 4,37,810 | 39,34,821 |
| 1916-17 | 3,39,014 | 4,93,398 | 1,92,598 | 31,61,770 | 25,33,855 | 40,538 | 1,46,580 | .. . | 5,91,873 | 4,35,960 | 44,11,104 |
| 1917-18 | 3,50,132 | 5,33,526 | 2,22,212 | 32,75,695 | 25,52,833 | 44,085 | 1,75,960 | .... | 7,31,595 | 4,36,570 | 41,86,064 |
| 1918-19 | 3,78,723 | 5,29,127 | 2,57,944 | 39,46,954 | 51,27,671 | 46,820 | 1,64,955 | .... | 9,27,207 | 4,89,328 | 44,30,260 |
| 1919-20 | 4,18,182 | 5,21,773 | 2,82,962 | 43.15.060 | 36,23,038 | 46,227 | 1,88,988 | ... | 13,32,793 | 4,61,762 | 43,05,114 |
| 1920-21 | 4,18,650 | 5,87,191 | 3,20,709 | 49,52,268 | † 39,59,741 | 60,316 | 2,18,660 | .... | 16,87,813 | 4,86,216 | 46 26,735 |
| 1921-22 | 4,86,442 | 6,18,675 | 3,94,384 | 1,01,86,772 | 47,69,943 | 76,404 | (s) .... | .. | 20,39,048 | 9,01,571 | (s) .... |
| 1922-23 | 4,81,031 | 6.66,432 | 4,02,392 | 1,27,64,437 | 48,94,512 | 80,079 | (s) ... | .... | 22,72,762 | 9,63,[illegible]38 | (s) . .. |

* Combined with Controller's Office.

† Inclusive of Rs. 4,58,641 on account of Markets and Slaughter Houses and Rs. 26,147 on account of Census.

M. R. TAMBE,

Acting Chief Accountant.

## No. 19.

year 1865 to the year 1922-23.

| Contribution to the Bombay Improvement Trust. | Public Gardens. | Stores, Plant and Live Stock. | Municipal Building Fund. | Road Improvement Fund. | Investments Fund. | •Plague Expenses. | Miscellaneous. | Total. | Year. | Five years' average annua expenditure. |
|---|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | | Rs. |
| .... | .... | 5,10,250 | .... | .... | .... | .... | 1,17,345 | 49,59,333 | 1865 | |
| .... | .... | 82,059 | .... | .... | .... | .... | 1,25,240 | 36,01,922 | 1866 | |
| .... | .... | 2,70,545 | .... | .... | .... | ... | 1,49,123 | 42,16,346 | 1867 | 38,77,203 |
| .... | .... | 8,82,722 | .... | .... | .... | .... | 37,775 | 34,77,058 | 1868 | |
| ... | .... | .... | .... | .... | .... | ... | 42,665 | 31,31,353 | 1869 | |
| .... | .... | .... | .... | .... | .... | .... | 23,416 | 33,92,185 | 1870 | |
| .... | .... | .... | .... | .... | .... | .... | 53,213 | 38,04,661 | 1871 | |
| .... | 27,273 | .... | .... | .... | .... | .... | (a) 1,57,333 | 31,15,888 | 1872 | 32,69,595 |
| .... | 11,857 | .... | .... | .... | .... | .... | 22,354 | 30,44,577 | 1873 | |
| .... | 14,473 | .. | .... | .... | .... | .... | 46,646 | 29,90,663 | 1874 | |
| .... | 18,282 | .... | .... | .... | .... | ... | (b) 1,19,851 | 32,65,027 | 1875 | |
| .... | 21,638 | ... | .... | .... | .... | .... | 47,696 | 31,60,438 | 1876 | |
| .... | 20,221 | .... | .... | .... | .... | .... | 55,559 | 30,36,535 | 1877 | 31,68,669 |
| .... | 21,190 | .... | ...... | .... | .... | .... | 71,103 | 32,70,224 | 1878 | |
| .... | 17,709 | .... | .... | .... | .... | .... | 51,791 | 31,11,122 | 1879 | |
| .... | 20,756 | .... | ...... | .... | .... | .... | 44,321 | 30,57,992 | 1880 | |
| ... | 19,463 | ... | 2,50,000 | ... | .... | .... | (c) 3,52,835 | 37,98,872 | 1881 | |
| year being changed to the financial year, the expenditure was:— | | | | | | | | | | |
| .... | 26,969 | .... | 50,000 | 19,000 | .... | .... | 38,740 | 47,53,632 | 1882-83 | 38,41,465 |
| .. | 20,262 | .... | 20,000 | .... | .... | .... | 33,934 | 37,15,812 | 1883-84 | |
| .... | 22,738 | .... | 801 | .... | .... | .... | (d) 2,11,150 | 38,81,020 | 1884-85 | |
| .... | 23,864 | .... | 39,199 | .... | . | .... | 98,226 | 40,66,940 | 1885-86 | |
| .... | 38,326 | .... | 49,779 | .... | .... | ... | 57,562 | 41,76,362 | 1886-87 | |
| .... | 42,123 | .... | 50,221 | .... | .... | ... | 32,436 | 58,12,690 | 1887-88 | 48,59,951 |
| .... | 48,939 | .... | 55,577 | .... | .... | .... | (e) 1,12,316 | 52,01,258 | 1888-89 | |
| .... | 65,153 | .... | 24,459 | ... | 3,000 | .... | 58,553 | 50,42,455 | 1889-90 | |
| .... | 87,305 | .... | 28,907 | .... | 3,113 | .... | (f) 1,85,807 | 56,84,861 | 1890-91 | |
| .... | 77,225 | .... | 27,905 | .... | 3,274 | .... | 2,07,780 | 57,82,073 | 1891-92 | |
| .... | 96,964 | .... | .... | .... | 3,386 | .... | 52,566 | 45,45,512 | 1892-93 | 62,69,972 |
| ... | (f) 2,80,453 | .... | .... | .... | 5,64,372 | .. | 23,321 | 69,63,928 | 1893-94 | |
| ... | 93,969 | .... | .... | .... | 44,086 | .... | 28,485 | 63,72,486 | 1894-95 | |
| .... | 64,028 | .... | .... | .... | 1,46,180 | .... | 15,519 | 67,02,316 | 1895-96 | |
| .. | 60,312 | .... | .... | .... | 1,42,601 | 4,37,055 | 35,503 | 70,04,743 | 1896-97 | |
| ... | 71,447 | .... | .... | .... | 36,478 | 5,00,000 | 1,20,712 | 74,96,969 | 1897-98 | 71,87,147 |
| .. | 74,959 | .... | .... | .... | 37,425 | —5,00,000 | (g) 8,12,546<br>19,673 | 73,39,026 | 1898-99 | |
| ... | 75,250 | .... | .... | ... | 35,316 | — 43,694 | 32,385 | 73,92,480 | 1899-1900 | |
| 4,74,600 | 69,870 | ... | .... | ... | 58,400 | — 922 | 1,86,444 | 85,84,058 | 1900-01 | |
| 4,81,000 | 57,685 | .... | .... | .... | 59,259 | .... | 38,695 | 82,26,458 | 1901-02 | |
| 3,00,000 | 58,874 | .... | .... | .... | 58,136 | .... | 75,124 | 84,53,398 | 1902-03 | 84,57,384 |
| 3,50,000 | 67,422 | .... | ... | .... | 33,265 | .... | 34,006 | 84,31,390 | 1903-04 | |
| 2,50,000 | 66,092 | .... | .... | .... | 35,399 | 1,81,920 | 57,512 | 85,91,618 | 1904-05 | |
| 2,50,500 | 64,751 | .... | .... | .... | 39,377 | 2,26,538 | (h) 3,62,359 | 93,74,242 | 1905-06 | |
| 3,00,000 | 64,735 | .... | .... | .... | 39,626 | 2,43,044 | 18,945 | 95,20,790 | 1906-07 | 1,02,22,281 |
| 2,66,081 | 75,158 | .... | .... | .. | 44,445 | 1,95,517 | 1,30,930 | 1,01,89,201 | 1907-08 | |
| 4,50,000 | 92,905 | .... | .... | .... | 47,843 | 2,23,328 | 37,952 | 1,06,30,126 | 1908-09 | |
| 7,80,000 | 98,964 | .... | .... | .... | 1,21,917 | 2,00,915 | (i) 3,65,173 | 1,13,97,050 | 1909-10 | |
| 8,35,000 | 91,210 | .... | .... | .... | 49,473 | 1,87,234 | 1,31,309 | 1,12,81,872 | 1910-11 | |
| 9,86,000 | 76,091 | .... | .... | .... | 57,633 | 1,55,903 | 1,25,274 | (j) 1,14,84,562 | 1911-12 | |
| 9,23,000 | 83,982 | .... | .... | .... | 10,000 | 1,47,763 | 2,25,882 | (k) 1,16,81,587 | 1912-13 | 1,17,90,028 |
| 9,23,093 | 91,683 | .... | .... | .... | 10,000 | 1,24,682 | 2,16,193 | (l) 1,20,48,928 | 1913-14 | |
| 9,76,938 | 92,295 | .... | .... | .... | 10,000 | 1,27,633 | 1,59,869 | (m) 1,24,53,191 | 1914-15 | |
| 10,17,420 | 89,738 | .... | ... | .... | 10,000 | 1,22,912 | (n) 1,24,031 | 1,28,03,870 | 1915-16 | |
| 11,31,289 | 90,490 | .... | .... | .... | (p) 3,08,135 | 1,29,958 | (o) 2,37,730 | 1,42,14,292 | 1916-17 | |
| 10,98,118 | 81,555 | .... | .... | .... | (q) 51,399 | 1,32,160 | 3,89,492 | 1,42,61,391 | 1917-18 | 1,58,28,096 |
| 11,52,687 | 93,085 | .... | .... | ... | (q) 17,320 | 1,26,506 | 13,38,060 | 1,70,26,649 | 1918-19 | |
| 15,19,780 | 97,183 | .... | .... | .... | (q) 20,982 | 1,18,404 | 10,57,511 | 1,83,09,277 | 1919-20 | |
| 15,71,248 | 1,28,196 | ... | .... | .... | (r) 1,69,813 | 1,24,591 | 8,95,154 | 2,02,02,801 | 1920-21 | 2,02,02,301 |
| 15,76,574 | 2,24,288 | .... | ... | .... | 2,68,427 | 1,16,888 | 8,95,638 | 2,24,64,954 | 1921-22 | 2,24,64,954 |
| 17,85,007 | 2,34,769 | .... | .... | .... | 8,18,883 | 1,20,869 | 11,77,228 | 2,61,61,439 | 1922-23 | 2,61,61,489 |

(a) Includes write-off of loss of in stores of Rs. 1,45,993

(b) Includes Rs. 50,000 for visit of H. R. H. the Prince of Wales.

(c) Includes special adjustment of Rs. 3,24,827 for arranging the different loan funds.

(d) Includes loss of Rs. 1,84,774 on the sale of the Panwel Brick Factory.

(e) Includes Rs. 62,048 for loss on sale of investments.

(f) Includes Rs. 1,94,565 for land acquired.

(g) Write-off on account of frontage lands in Agripada.

(h) Includes contribution of Rs. 3,00,000 towards celebrating the visit of T. R. H. the Prince and Princess of Wales.

(i) Includes charges for Grain Compensation and Local Allowance and the loss sustained in the sale of unserviceable stores written off.

(j) Excludes Rs. 5,00,000 transferred from revenue for writing off a portion of the Plague expenditure advanced from Loan Funds.

(k) Excludes Rs. 3,10,053 transferred from revenue for writing off a portion of the Plague expenditure advanced from Loan Funds as well as the amount of investments of interest realized on Sinking and Special Funds.

(l) Excludes Rs. 1,00,000 transferred from revenue for writing off the balance of the Plague expenditure advanced from Loan Funds as well as the amount of investment of interest realised on Sinking and Special Funds.

(m) Excludes Rs. 35,455 being the write-off of the proportionate cost (paid out of Loan Funds)] of the Halalkhores' Chawl at Vincent Road sold to the City Improvement Trust as well as the amount of investments of interest realized on Sinking and Special Funds.

(n) Includes Rs. 25,000 being the contribution towards the cost of cadastral survey of the town and island of Bombay.

(o) This includes Rs. 1,20,312 on account of discount on the conversion of 3 per cent. or 3½ per cent. Government Paper into 4 per cent. conversion loan of 1916-17.

(p) This includes Rs. 2,98,135 being the amount of investment on account of sale-proceeds of Municipal lands into Municipal Land and Building Fund.

(q) This includes Rs. 41,399, Rs. 7,320 and Rs. 10,982 being the amoun of investment on account of sald proceeds of Municipal Lands into Municipal Land and Building Fund.

(r) This includes Rs. 1,59,813 do. do.

(s) As the Expenditure on Pensions and gratuities, &c., and Municipal Debt is allocated according to different service heads, no expenditure appears under these heads.

(t) This includes Rs. 2,53,427 on account of sale proceeds of Municipal land to be transferred to Land and Building Fund.

H. B. CLAYTON,
Municipal Commissioner.

# Appendix No. 20.

## CONTRASTED STATEMENT OF INCOME AND EXPENDITURE OF THE BOMBAY MUNICIPALITY FROM 1865 TO 1922-23.

| YEAR. | Income. | Expenditure. | DIFFERENCE. | |
|---|---|---|---|---|
| | | | Surplus. | Deficit. |
| | Rs. | Rs. | Rs. | Rs. |
| 1865 ... ... ... | 23,63,787 | 49,59,333 | ...... | 25,95,546 |
| 1866 ... ... ... | 29,14,672 | 36,01,922 | ...... | 6,87,250 |
| 1867 ... ... ... | 30,40,524 | 42,16,346 | ...... | 11,75,822 |
| 1868 ... ... ... | 38,52,674 | 34,77,058 | 3,75,616 | ...... |
| 1869 ... ... ... | 33,93,226 | 31,31,358 | 2,61,868 | ...... |
| 1870 ... ... ... | 33,07,749 | 33,92,185 | ...... | 84,436 |
| 1871 ... ... ... | 28,71,160 | 38,04,661 | ...... | 9,33,501 |
| 1872 ... ... ... | 30,48,331 | 31,15,888 | ...... | 67,557 |
| 1873 ... ... ... | 33,24,108 | 30,44,577 | 2,79,531 | ...... |
| 1874 ... ... ... | 29,81,322 | 29,90,663 | ...... | 9,341 |
| 1875 ... ... ... | 31,43,526 | 32,65,027 | ...... | 1,21,501 |
| 1876 ... ... ... | 31,77,723 | 31,60,438 | 17,285 | ...... |
| 1877 ... ... ... | 32,41,452 | 30,36,535 | 2,04,917 | ...... |
| 1878 ... ... ... | 31,45,153 | 32,70,224 | ...... | 1,25,071 |
| 1879 ... ... ... | 33,41,174 | 31,11,122 | 2,30,052 | ...... |
| 1880 ... ... ... | 32,51,870 | 30,57,992 | 1,93,878 | ...... |
| 1881 ... ... ... | 38,73,694 | 37,98,872 | 74,822 | ...... |
| From 1st January 1882 to 31st March 1883 (15 months). | 46,12,240 | 47,53,632 | ...... | 1,41,392 |
| 1883-1884 ... ... | 37,37,272 | 37,15,812 | 21,460 | ...... |
| 1884-1885 ... ... | 42,13,868 | 38,81,020 | 3,32,848 | ...... |
| 1885-1886 ... ... | 44,73,973 | 40,66,940 | 4,07,033 | ...... |
| 1886-1887 ... ... | 49,01,814 | 41,76,362 | 7,25,452 | ...... |
| 1887-1888 ... ... | 51,66,530 | 58,12,690 | ...... | 6,46,160 |
| 1888-1889 ... ... | 49,66,193 | 52,01,258 | ...... | 2,35,065 |
| 1889-1890 ... ... | 53,42,169 | 50,42,405 | 2,99,764 | ...... |
| 1890-1891 ... ... | 61,65,901 | 56,84,861 | 4,81,040 | ...... |
| 1891-1892 ... ... | 62,33,183 | 57,82,073 | 4,51,110 | ...... |
| 1892-1893 ... ... | 66,72,943 | 65,45,512 | 1,27,431 | ...... |
| 1893-1894 ... ... | 67,62,695 | 69,63,928 | ...... | 2,01,233 |
| 1894-1895 ... ... | 65,39,372 | 63,73,486 | 1,65,886 | ...... |
| 1895-1896 ... .. | 67,61,710 | 67,02,516 | 59,194 | ...... |
| 1896-1897 .. ... | 62,08,978 | 70,04,743 | ...... | 7,95,765 |
| 1897-1898 ... ... | 71,45,560 | 74,96,969 | ...... | 3,51,409 |
| 1898-1899 ... ... | 71,61,911 | 73,39,026 | ...... | 1,77,115 |
| 1899-1900 ... ... | 88,29,817 | 73,92,480 | 14,37,337 | ...... |
| 1900-1901 .. ... | 84,02,848 | 85,84,058 | ...... | 1,81,210 |
| 1901-1902 ... ... | 77,66,729 | 82,26,458 | ...... | 4,59,729 |
| 1902-1903 ... ... | 81,75,688 | 84,53,398 | ...... | 2,77,710 |
| 1903-1904 ... ... | 84,82,625 | 84,31,390 | 51,235 | ...... |
| 1904-1905 ... ... | 93,36,111 | 85,91,618 | 7,14,493 | ...... |
| 1905-1906 ... ... | 90,92,539 | 93,74,242 | ...... | 2,81,703 |
| 1906-1907 ... ... | 96,48,501 | 95,20,790 | 1,27,711 | ...... |
| 1907-1908 ... ... | 98,89,324 | 1,01,89,201 | ...... | 2,99,877 |
| 1908-1909 ... .. | 1,02,86,048 | 1,06,30,126 | ...... | 3,44,078 |
| 1909-1910 ... ... | 1,12,13,864 | 1,13,97,050 | ...... | 1,83,186 |
| 1910-1911 .. ... | 1,21,96,149 | 1,12,81,872 | 9,14,277 | ...... |
| 1911-1912 ... ... | 1,26,55,789 | * 1,14,84,562 | 11,71,227 | ...... |
| 1912-1913 ... ... | 1,27,41,589 | (a) 1,16,81,587 | 10,60,002 | ...... |
| 1913-1914 ... ... | 1,28,76,501 | (b) 1,20,48,926 | 8,27,575 | ...... |
| 1914-1915 ... ... | 1,24,13,366 | (c) 1,24,53,191 | ...... | 39,825 |
| 1915-1916 ... ... | 1,38,31,070 | 1,28,03,870 | 10,27,200 | ...... |
| 1916-1917 ... ... | 1,40,48,739 | 1,42,14,292 | ...... | 1,65,553 |
| 1917-1918 ... ... | 1,48,29,386 | 1,42,61,391 | 5,67,995 | ...... |
| 1918-1919 ... ... | 1,73,74,184 | 1,70,26,648 | 3,47,536 | ...... |
| 1919-1920 ... ... | 1,83,16,927 | 1,83,09,277 | 7,650 | ...... |
| 1920-1921 ... ... | 2,01,43,197 | 2,02,02,301 | ...... | 59,104 |
| 1921-1922 ... ... | 2,31,47,009 | 2,24,64,954 | 6,82,055 | ...... |
| 1922-1923 ... ... | 2,67,53,463 | 2,61,61,439 | 5,92,024 | ...... |

* This is exclusive of Rs. 5,00,000 utilized towards writing off a portion of the Plague expenditure.

(a) Do. „ 3,10,052-7-4 do do. do.

(b) Do. „ 1,00,000 do. the balance do.

(c) This is exclusive of Rs. 35,455 being the write-off of the proportionate cost (paid out of Loan Funds) of the Halalkhores' chawl at Vincent Road sold to the City Improvement Trust

M. R. TAMBE,
Ag. Chief Accountant.

H. B. CLAYTON,
Municipal Commissioner.

# REVENUE.

Administration Report of the Assessment and Collection Department for the year 1922-23 by R. G. Robottom, Esquire, Assessor and Collector, forwarded with his No. A and C. 1602, dated 18th July 1923.

During the year under report the rates of General Tax (including Fire Tax) and Water Tax, were raised from 9⅞ per cent. and 3 per cent. to 11½ per cent. and 3¾ per cent. respectively, while the rates prescribed by the Standing Committee for the year, for water supplied by measurement were also increased. Another important variation in the rates of taxation was the revision of the taxes leviable on vehicles and animals, the rates specified in Schedule G to Section 180 of the Municipal Act having been amended according to the revised rates sanctioned by Government.

The total amount collected under all heads, exclusive of tolls, miscellaneous receipts and fees was Rs. 1,88,50,278–12–2 against the estimate of Rs. 1,83,79,000, the difference being an increase of Rs. 4,71,278–12–2 detailed as under :—

| Taxes. | Estimate. | Actual collections including adjustments. | | | Increase. | | |
|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | a. | p. | Rs. | a. | p. |
| General Tax... ... ... ... ... | 1,08,50,000 | 1,09,95,185 | 13 | 1 | 1,45,185 | 13 | 1 |
| Water Tax* ... ... ... ... | 43,84,000 | 46,28,820 | 12 | 3 | 2,44,820 | 12 | 3 |
| Halalkhore Tax ... ... ... ... | 26,20,000 | 26,57,381 | 5 | 8 | 37,381 | 5 | 8 |
| Wheel Tax ... ... ... ... ... | 5,25,000 | 5,68,890 | 13 | 2 | 43,890 | 13 | 2 |
| Total ... | 1,83,79,000 | †1,88,50,278 | 12 | 2 | 4,71,278 | 12 | 2 |

* Exclusive of meter hire and receipts by the Hydraulic Engineer.

† Including Rs. 1,559-15-6 for general tax, Rs. 814-6-7 for water tax, Rs. 818-1-7 for halalkhor tax and Rs. 3-14-0 for wheel tax, adjusted in the Chief Accountant's books in 1921-22, but as no intimation of these adjustments was given to this Department by the Chief Accountant before the close of that year, the amounts were credited in the books of this Department during 1922-23.

As compared with the total collections for the year 1921-22, *viz.*, Rs. 1,50,22,788-5-11, those for the year 1922-23. *viz.*, Rs. 1,88,50,278-12-2 show an increase of Rs. 38,27,490-6-3.

On 31st March 1923, the outstandings on account of property taxes, charges for water by meter and wheel tax (private) amounted to Rs. 9,10,655-14-2 as against Rs. 6,51,122–13–6 on 31st March 1922. Of this amount Rs. 3,70.361–10–2 have been recovered and Rs. 15,896-11-0 recalled and cancelled, leaving a balance of Rs. 5,24,397–9–0 outstanding on 30th June 1923.

The total number of properties registered in the Assessment Book on 31st March 1923 was 46,611 classified as under :—

| | |
|---|---|
| Buildings .. .. .. .. .. .. .. .. | 34,691 |
| Salt Pans .. .. .. .. .. .. .. .. | 79 |
| Land including tanks, wells, etc. .. .. .. .. .. | 11.841 |
| Total .. | 46,611 |

as against 49,605 on 31st March 1922, the reduction being chiefly due to the acquisition and demolition of buildings by the Municipality, the Development Department and the City Improvement Trust for various purposes. Of the number registered, 38,325 were assessed for General Tax, 1.461 were exempted under Section 143 (1) (*a*) and (*b*) of the Municipal Act, and 1,544 were not charged General Tax, being small plots of waste lands, etc. This number of lands, however, does not include lands belonging to Government, the City Improvement Trust, the Port Trust and the Railways, which are separately assessed and specially treated. The number of Municipal properties exempted from General Tax during the year, under Section 143 (1) (*b*) of the Act was 612.

The number of buildings newly erected, demolished and enlarged in 1922-23 was 1,038, 1,243 and 746, the corresponding numbers for the year 1921-22 being 1,090, 699 and 599 respectively.

In the subjoined statement will be found the gross and rateable value of properties assessed during the year under report, as compared with those for the previous year.

STATEMENT A.

| Years. | Original Assessment Gross. | Amount after disposal of complaints. | | Amount of subsequent reduction during the year by demolitions and on complaints. | Gross Assessment after deduction of subsequent reduction. | Subsequent enhancement (new buildings, enlargements, and under-assessment.) | Total Gross Assessment. | Increase, Final difference over preceding year's Gross Assessment. | Rateable Assessment. | Classification of Rateable Assessment. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of complaints against opening Assessment. | Gross Assessment. | | | | | | | Chargeable with General Tax. | Exempted from General Tax, Section 143 (1) (a) and (b). | For which no bills for General Tax are issued. | Total Rateable Assessment. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1921-22 ... ... ... | 9,48,65,865 | 3,304 | 9,76,71,988 | 22,57,428 | 9,54,14,560 | 83,55,655 | 10,37,70,215 | 1,05,36,050 | 9,34,04,409 | 8,98,92,224 | 35,02,012 | 10,173 | 9,34,04,409 |
| 1922-23 ... ... ... | 10,48,58,784 | 2,990 | 10,85,21,895 | 24,18,630 | 10,61,03,265 | 64,05,423 | 11,25,08,688 | 87,38,473 | 10,12,68,976 | 9,75,95,004 | 36,65,233 | 8,739 | 10,12,68,976 |

There were 493 complaints against assessments fixed during the currency of the year under Section 167 of the Act, and 1,160 general complaints under Section 163. The total valuation of properties against which complaints were made under Section 163 of the Act was Rs. 1,14,02,679, which was modified after investigation of the complaints to Rs. 97,96,819 resulting in a decrease of Rs. 16,05,860 or 14·08 per cent.

The subjoined statements B, C and D indicate the increases in property taxes for the year, as compared with those for the year 1921-22.

## STATEMENT B.

*General Tax.*

| 1921-22. | | | | 1922-23. | | | | Difference between columns 4 and 8. |
|---|---|---|---|---|---|---|---|---|
| General Tax at 9⅞ per cent. levied from public, City Improvement Trust and Mills. | Compounded sum payable by Government under Section 144 (*3*). | Compounded sum payable by Port Trust under Section 145 (*3*). | Total of columns 1, 2, 3. | General Tax at 11¼ per cent. levied from public, City Improvement Trust and Mills. | Compounded sum payable by Government under Section 144 (*3*). | Compounded sum payable by Port Trust under Section 145 (*3*). | Total of columns 5, 6, 7. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 77,71,826 9 1 | 2,88,009 8 2 | 8,17,021 0 0 | 88,76,857 1 3 | 99,36,554 15 2 | 3,35,403 7 10 | 9,51,467 0 0 | 1,12,23,425 7 0 | 23,46,568 5 9 |

The amount of General Tax on properties exempted under Section 143 (1) (*a*) and (*b*) was Rs. 4,21,495-2-5 against Rs. 3,45,802-13-6 in 1921-22.

## STATEMENT C.

*Water Tax.*

| 1921-22. | | | | 1922-23. | | | | Difference. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| On rateable value @ 3 per cent. | Compounded. | By Meter Measurement. | Total of columns 1, 2, 3. | On rateable value @ 3¼ per cent. | Compounded. | By Meter Measurement. | Total of columns 5, 6, 7. | On rateable value. | Compounded. | By Meter Measurement. | Difference between columns 8 and 4. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 18,16,679 7 5 | 18,968 9 2 | 15,84,985 9 1 | 34,20,363 9 8 | 25,38,842 0 10 | 28,618 9 7 | 21,49,807 5 7 | 47,17,268 0 0 | 7,22,162 9 5 | 9,920 0 5 | 5,64,821 12 6 | 12,96,904 6 4 |

## STATEMENT D.

*Halalkhore Tax.*

| 1921-22. | | | 1922-23. | | | Difference between columns 6 and 3. |
|---|---|---|---|---|---|---|
| On rateable value at 3 per cent. | On special service. | Total of columns 1 & 2. | On rateable value at 3 per cent. | On special service. | Total of columns 4 & 5. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 22,87,317 3 2 | 1,50,898 6 7 | 24,38,215 9 9 | 25,27,898 15 10 | 1,54,855 7 3 | 26,82,754 7 1 | 2,44,538 13 4 |

The total demand on account of property taxes for the year amounted to Rs. 1,86,23,447-14-1 (including Government and Port Trust) to which is to be added Rs. 1,38,372-5-5 in respect of demands issued during the year on account of previous years, making a total gross demand of Rs. 1,87,61,820-3-6, from which sum a rebate of Rs. 52,416-5-11 was allowed on account of a drawback of one-fifth of the General Tax under Section 158 (2) of the Municipal Act. The total number of claims for one-fifth drawback during the year was 988, the corresponding number for the preceding year being 856.

To the balance of property taxes, *viz.*, Rs. 6,23,196-15-2 outstanding on 31st March 1922 must be added 641 bills for Rs. 1,38,372-5-5 issued for previous years, 73,644 bills for Rs. 1,72,84,161-0-4 issued for the year under report, and the Government and Port Trust contributions amounting to Rs. 3,35,403-7-10 and Rs. 9,51,467 respectively, making the total net demand, for property taxes (including the outstanding balance), for the year, Rs. 1,93,32,600-12-9. Of this Rs. 1,82,81,387-15-0 were collected during the year, and bills amounting to Rs. 1,92,999-6-1 were recalled and cancelled, leaving a balance of Rs. 8,58,213-7-8 outstanding on 31st March 1923. This balance is made up of Rs. 44,046-15-4 on account of previous years and Rs. 8,14,166-8-4 for the year under report.

### *Tax on Vehicles and Animals.*

The demand on account of the tax on private vehicles and animals for the four quarters ending 31st December 1922 was Rs. 5,89,649-5-4 as against Rs. 4,01,291 for the previous year, for which 26,121 bills were issued. Adding Rs. 27,925-14-4 outstanding on 31st March 1922, and Rs. 11,309 being the amended demand for previous years, for which 647 bills were issued the total demand amounted to Rs. 6,28,884-3-8. The amount collected was Rs. 5,68,890-13-2 leaving Rs. 59,993-6-6 uncollected. Of this sum Rs. 777-10-8 were written off under Standing Committee's Resolutions Nos. 2006, dated 14th June 1922, 3846, dated 2nd August 1922, 5861, dated 3rd October 1922, 7945, dated 6th December 1922 and 10599, dated 7th March 1923, respectively, and bills for Rs. 6,773-5-4 were recalled and cancelled, leaving a balance of Rs. 52,442-6-6 outstanding at the end of the year.

The following figures indicate the number of vehicles and animals taxed during the year :—

| | No. |
|---|---|
| Four-wheeled vehicles .. .. .. .. .. .. | 2,806 |
| Two-wheeled vehicles .. .. .. .. .. .. .. | 1,060 |
| Vehicles not drawn by horses.. .. .. .. .. .. | 997 |
| Motor vehicles (including motor lorries and excluding taxis licensed under the Public Land Conveyance Act) .. .. | 4,297 |
| Motor cycles .. .. .. .. .. .. .. .. .. | 159 |
| Motor cycles with side cars .. .. .. .. .. .. | 186 |
| Horses (including those in Commission Stables) .. .. .. | 4,003 |
| Ponies .. .. .. .. .. .. .. .. .. | 103 |
| Bullocks .. .. .. .. .. .. .. .. .. | 1,603 |
| Buffaloes and donkeys .. .. .. .. .. .. .. | 18 |

The subjoined statement E shows the total demand collection and balances on account of property taxes and tax on private vehicles and animals.

### STATEMENT E.

| Year. | Opening outstanding Balance. | Demand assessed for the year and for former years. | Total. | Bills written off under Standing Committee's Resolutions and Bills recalled for amendment. | Collection. | Outstanding Balance on 31st March 1922. |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1922-23. | ,51,122 13 6 | 1,93,10,362 2 11 | 1,99,61,485 0 5 | 2,00,550 6 1 | 1,88,50,278 12 2 | 9,10,655 14 2 |

Receipts realized from Notices of demand, Distress Warrants, Battaki fees, Inspection fees and other miscellaneous items amounted to Rs. 5,182-8-5 against Rs. 4,279-1-0 in the preceding year. Receipts from Meter Hire were Rs. 58,327-14-0 as against Rs. 93,470-5-1 for the previous year, the reduction being due to the rates for Meter Hire having been reduced.

Certificates issued for refund of taxes for the year under report, and for previous years were as under :—

| | Rs. | a. | p. |
|---|---|---|---|
| General Tax | 34,863 | 2 | 3 |
| Water Tax on rateable value | 10,281 | 3 | 3 |
| Water by Meter Measurement | 167 | 2 | 6 |
| Water Tax at compounded rate | 3 | 8 | 0 |
| Halalkhor Tax on value | 12,383 | 8 | 3 |
| Wheel Tax | 507 | 5 | 4 |
| Meter Hire | 94 | 0 | 0 |
| Total | 58,299 | 13 | 7 |

There were 2 appeals against valuations fixed for 1922-1923 and 3 for 1923-1924 under Section 162 (2) of the Municipal Act, and 3 against the amendments made under Section 167 of the Act during the currency of the year. Of these, 5 appeals were settled out of Court, and 3 were dismissed by the Court, Rs. 51 being awarded as costs in 2 cases, while a reference made to the High Court against the decision of the Chief Judge of the Small Causes Court in the third case was also dismissed with costs.

Out of the sum of Rs. 202-10-4 for Additional General Tax issued during the official year 1921- 1922 (*vide* Chief Presidency Magistrate's No. 765, dated 9th February 1921, under Section 45 (1) (*b*) of the City of Bombay Police Act) against the Hindu ratepayers of E Ward to compensate one Mr. Dada Haji Isak, the balance outstanding on 31st March 1922 was Rs. 44-0-1. Of this sum Rs. 18-1-11 were recovered, and the balance of Rs. 25-14-2 was treated as irrecoverable, *vide* Municipal Commissioner's No. D 1870, dated 20th April 1923.

During the year the Department was again burdened with the work of preparing and collecting bills for Additional General Tax (*vide* Chief Presidency Magistrate's order No. 7793, dated 23rd June 1923, under Section 45 (1) (*b*) of the City of Bombay Police Act) to compensate 222 claimants for loss, damage, death or grievous hurt caused by rioters on November 17th and subsequent days in 1921. This additional work involved the issue of no less than 24,273 bills for Rs. 6,87,775-6-8 at the end of the year, and bills amounting to Rs. 1,416-12-9 were recovered upto 31st March 1923, leaving a balance of Rs. 6,86,358-9-11 outstanding on that date.

The balance of bills for Street No. plates outstanding on 31st March 1922 aggregated to Rs. 3,336-4-0. In addition 1,161 bills for Rs. 8,049-12-0 were issued during the year making a total of Rs. 11,386-0-0, of which Rs. 4,254-8-0 were collected during the year, and one bill for Rs. 3-4-0 was recalled and cancelled, leaving a balance of Rs. 7,128-4-0 outstanding on 31st March 1923.

The following are the details of all transactions dealt with by the department during the year. :—

| | |
|---|---|
| Assessment Books | 82 |
| Registers of Water and Halalkhor charges | 80 |
| Complaint book (No. of complaints received) | 2,147 |
| Wheel Tax Register (No. of entries) | 9,453 |
| Drawback claims received | 988 |
| Refund Register (No. of claims received) | 1,827 |
| No. of Rise in rent cases | 1,801 |
| No. of amendments in valuation | 7,853 |
| No. of amendments during the year for previous years | 2,410 |
| No. of Notices under Section 162 (2) (*a*) | 1,794 |
| No. of Notices under Section 217 (2) (*c*) | 3,459 |

| | |
|---|---|
| No. of Tabulated Ward Report entries | 5,450 |
| No. of property taxes bills | 70,401 |
| No. of wheel tax bills | 26,768 |
| No. of water by meter bills | 3,884 |
| No. of Meter Hire bills | 1,986 |
| No. of Demand Notices and Warrants | 14,560 |
| Gross Assessment (closing) | 11,25,08,688 |
| Total Issue | 1,93,10,353 |
| Total Collection | 1,88,50,278 |

Of the balance of Rs. 9,10,655-14-2 outstanding at the end of the year, bills for no less than Rs. 7,75,033-2-5 were issued during the last three months in respect of newly built properties and properties enlarged and improved. This heavy balance at the end of the year exceeding as it does that of the preceding year by over 2½ lacs is much regretted. It is due, however, chiefly to circumstances beyond the control of the department, and particularly to the continued trade depression and consequent acute financial stringency that prevailed in the City throughout the year. These drawbacks combined with the depreciation in the value of house property involved many large ratepayers in difficulties which deprived them of the means of paying their taxes as promptly as usual. As a result there are several suits for large sums due to the Municipality pending in the High Court, while in many cases tenants had to be approached for payment, a procedure which involves a deal of labour and much loss of time.

On 1st April 1923 the gross assessment was Rs. 11,61,04,927 against Rs. 10,85,21,895 on 1st April 1922.

In conclusion I must refer once more to the department being saddled again with the task of preparing and collecting bills for the Additional General (or riot) tax. As already stated in this report, over 24,000 bills had to be prepared, and the majority of them have still to be recovered. This work besides throwing a very heavy strain on a department which is already overworked, seriously hinders the collection of Municipal revenue. I would therefore earnestly suggest that Government may be moved to amend the legislature so as to save the department from similar burdens in future.

R. G. ROBOTTOM,

*Assessor & Collector.*

No. T.D./71/A of 1923-24.

Bombay Municipality, 11*th July* 1923.

From

The Deputy Assessor and Town Duty Refund Officer.

To

The Municipal Commissioner for the City of Bombay.

Sir,

I have the honour to submit my Annual Report on the working of the Town Duty Branch of the Assessment and Collection Department for the year 1922-23.

Mr. H. Wald having been placed on special duty in connection with the preparation of the new Electoral Roll from the 8th March 1922 to the 30th November 1922, Mr. Kazi Abdul Razak acted as Deputy Assessor and Town Duty Refund Officer during this period. From the 1st December to the close of the year Mr. Wald continued to be in charge of the Department.

The rates of duty leviable during the year under report were the same as in the preceding year.

The gross collection from refundable town duties during the year aggregated Rs. 34,07,195-11-7 against Rs. 39,33,377-9-4 in the previous year.

The refunds allowed in respect of the goods exported during the year amounted to Rs. 16,81,231-6-0 against Rs. 17,07,925-1-0 in the previous year, the net revenue being Rs. 17,25,964-5-7 in 1922-23 against Rs. 22,25,452-8-4 in 1921-22, showing a decrease of Rs. 4,99,488-2-9, due principally to a fall in imports.

The following figures of the gross amount of duty collected on the different articles in 1922-23 and the preceding year will show the extent of fall in imports in the former year :—

| Name of Article. | Gross collection in 1921-1922. | | | Gross collection in 1922-1923. | | | Increase or Decrease. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| Grain ... ... | 11,38,184 | 10 | 7 | 9,03,703 | 4 | 7 | —2,34,481 | 6 | 0 |
| Flour ... ... | 1,065 | 11 | 0 | 3,849 | 5 | 6 | +2,783 | 10 | 6 |
| Sugar ... ... | 15,76,449 | 5 | 6 | 15,27,935 | 15 | 0 | —48,713 | 6 | 6 |
| Wines and Spirits ... | 2,34,779 | 7 | 0 | 2,36,311 | 5 | 9 | +1,531 | 14 | 9 |
| Beer ... ... | 29,681 | 4 | 3 | 30,244 | 1 | 9 | + 562 | 13 | 6 |
| Ghee ... ... | 3,68,783 | 1 | 7 | 3,24,504 | 8 | 3 | —44,278 | 9 | 4 |
| Timber ... ... | 5,08,512 | 3 | 10 | 3,16,109 | 15 | 0 | —1,92,402 | 4 | 10 |
| Firewood ... ... | 75,721 | 13 | 7 | 64,537 | 3 | 9 | —11,184 | 9 | 10 |
| Total ... | 39,33,377 | 9 | 4 | 34,07,195 | 11 | 7 | ...... | | |
| | | | | Deficit ... | | | 5,26,181 | 13 | 9 |

Generally speaking, imports fluctuate from year to year depending largely on the stocks in hand. But other causes have to be looked for when there is a steady decline during a number of years. Such decline in the case of firewood for the last two years is due probably to a more general use of charcoal as domestic fuel and the gradual prohibition by the Municipality of the use of firewood in certain licensable trades, *e.g.* sugar refining, dyeing, with a view to obviating nuisance. In the case of timber, there has been, since 1920-21 a decline of nearly 50 per cent. in the amount of duty collected—Rs. 6,09,200 in that year and Rs. 3,16,100 in the year under report. This may be due to the decreasing use of timber in building construction and a decided preference for cement concrete buildings. In regard to ghee, there has been a steady decline since 1917-18 in which year the gross collection of duty reached the figure of Rs. 5,45,538 which was the maximum in the last twelve years. Since then within a space of five years, it declined by Rs. 2,20,000. This is to be explained by the growing recourse to edible oils, such as cotton seed oil, even by better classes, so far as such substitution is possible, owing to high prices of ghee.

In regard to the imports of grain, it will be noticed that the duty collected in 1911-12 was Rs. 9,88,000 but in the year under report nearly Rs. 85,000 less than this amount. It reached the maximum of Rs. 14,10,400 in 1919-20. This cannot possibly be explained otherwise than by the facilities which such ports as Karachi and Rangoon have in recent years been offering for the direct export of grain without the necessity of bringing it as in previous years into Bombay for re-exportation.

After deducting the amount of refund allowed during the year, the net decrease in revenue as compared with that of 1921-22 is Rs. 4,99,488-2-8 as shown below :—

| Name of Article. | Increase. | Decrease. |
|---|---|---|
| | Rs. a. p. | Rs. a. p. |
| Grain and Flour ... ... ... ... ... | 9,312 8 6 | ...... |
| Sugar ... ... ... ... ... ... | ...... | 2,51,064 2 6 |
| Wines and Spirits ... ... ... ... | 7,065 0 9 | ...... |
| Beer ... ... ... ... ... ... | 3,912 0 6 | ...... |
| Ghee ... ... ... ... ... ... | ...... | 70,283 8 4 |
| Timber ... ... ... ... ... .. | ...... | 1,87,245 7 10 |
| Firewood ... ... ... ... ... ... | ...... | 11,184 9 10 |
| Total ... | 20,289 9 9 | 5,19,777 12 6<br>—20,289 9 9 |
| | | 4,99,488 2 9 |

During the year under report the revenue derived from the non-refundable duty on raw cotton amounted to Rs. 37,87,743-15-8 after deducting Rs. 1,07,088-11-0 being the cost of collection. As 4/7ths of this revenue is payable to Government the Municipal share amounts to Rs.16,23,318-13-7 minus Rs. 295-1-8 due to Government on the last year's account.

The total amounts of duty collected, of refunds granted and of revenue realised during 1922-23 and the preceding six years are compared below :—

| Year. | Gross revenue. | No. of refund claims dealt with. | Total refund allowed. | Net revenue. |
|---|---|---|---|---|
| | Rs. a. p. | | Rs. a. p. | Rs. a. p. |
| 1916-17 ... | 38,85,305 10 9 | 58,212 | 20,44,046 7 0 | 18,41,259 3 4 |
| 1917-18 ... | 45,55,355 2 2 | 54,170 | 23,43,240 11 0 | 22,12,094 7 2 |
| 1918-19 ... | 40,90,800 6 9 | 54,435 | 23,71,991 6 0 | 17,18,809 0 9 |
| 1919-20 ... | 42,37,742 5 8 | 48,821 | 21,10,920 10 0 | 21,26,821 11 8 |
| 1920-21 ... | 35,95,805 0 9 | 53,964 | 15,95,787 6 0 | 20,00,017 10 9 |
| 1921-22 ... | 39,33,377 9 4 | 63,025 | 17,07,925 1 0 | 22,25,452 8 4 |
| 1922-23 ... | 34,07,195 11 7 | 55,473 | 16,81,231 6 0 | 17,25,964 5 7 |

Statement A shows details of gross collection, the refunds allowed and the net revenue derived from each dutiable article during the year under report as compared with the preceding year.

Statement B compares the Imports, Exports and Balance of dutiable articles for the year under report with those for 1921-22.

The departmental marking of sugar bags continued throughout the year, the total number of bags marked with Municipal stamps being 15,22,475.

The question of substituting a terminal tax for the present refundable town duties is being considered by a Committee of the Corporation.

I have the honour to be,
Sir,
Your most obedient servant,
N. S. KOWSHIK,
Ag. Deputy Assessor and Town Duty Refund Officer.

*Dated* 11*th* *July* 1923.

# Appendix A.

STATEMENT contrasting the Collections, Refunds and Net Revenue from Town Duties for the years 1921-1922 and 1922-1923.

| NAME OF ARTICLE. | COLLECTIONS. | | | | REFUNDS. | | | | | | | | NET REVENUE. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1921-22. | 1922-23. | Increase in 1922-23. | Decrease in 1922-23. | 1921-22. | | | 1922-23. | | | Increase in 1922-23. | Decrease in 1922-23. | 1921-22 | 1922-23. | Increase in 1922-23. | Decrease in 1922-23. |
| | | | | | On account of Exports. | On account of articles supplied to Government. | Total. | On account of Exports. | On account of articles supplied to Government. | Total. | | | | | | |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Grain, at annas 6 per Candy .. .. | 11,38,184 10 7 | 9,03,703 4 7 | .... | 2,34,481 6 0 | 5,71,498 10 0 | .... | 5,71,498 10 0 | 3,34,872 0 0 | .... | 3,34,872 0 0 | .... | 2,36,626 10 0 | 5,27,448 2 7 | 5,36,760 11 1 | 9,312 8 6 | .... |
| Flour, at annas 4½ per Candy .. .. | 1,065 11 0 | 3,849 5 6 | 2,783 10 6 | .... | 40,303 9 0 | .... | 40,303 9 0 | 35,919 15 0 | .... | 35,919 15 0 | .... | 4,383 10 0 | | | | |
| Sugar, at annas 8 per Cwt. .. .. | 15,76,649 5 6 | 15,27,935 15 0 | .... | 48,713 6 6 | 9,51,857 11 0 | 1,004 0 0 | 9,52,861 11 0 | 11,55,212 7 0 | .... | 11,55,212 7 0 | 2,02,350 12 0 | .... | 6,23,787 10 6 | 3,72,723 8 0 | .... | 25,164 2 6 |
| Wines and Spirits, at annas 4 per Imperial Gallon .. .. .. .. | 2,34,779 7 0 | 2,36,311 5 9 | 1,531 14 9 | .... | 19,707 0 0 | .... | 19,707 0 0 | 14,173 14 0 | .... | 14,173 14 0 | .... | 5,533 2 0 | 2,15,072 7 0 | 2,22,137 7 9 | 7,065 0 9 | .... |
| Beer, at pies 6 per Imperial Gallon .. | 29,681 4 3 | 30,244 1 9 | 562 13 6 | .... | 14,766 9 0 | .... | 14,766 9 0 | 11,417 6 0 | .... | 11,417 6 0 | .... | 3,349 3 0 | 14,914 11 8 | 18,826 11 9 | 3,912 0 6 | .... |
| Ghee, at annas 10 per Bombay Maund .. | 3,68,783 1 7 | 3,24,504 8 3 | .... | 44,278 9 4 | 29,485 12 0 | .... | 29,485 12 0 | 19,308 7 0 | 36,182 4 0 | 55,490 11 0 | 26,004 15 0 | .... | 3,39,297 5 7 | 2,69,013 13 3 | .... | 70,283 8 4 |
| Timber, at 2½ per cent. on Market Value. | 5,08,512 8 10 | 3,16,109 15 0 | .... | 1,92,402 4 10 | 79,301 14 0 | .... | 79,301 14 0 | 74,145 1 0 | .... | 74,145 1 0 | .... | 5,156 13 0 | 4,29,210 5 10 | 2,41,964 14 0 | .... | 1,87,245 7 10 |
| Firewood, at annas 2 per Candy .. .. | 75,721 13 7 | 64,537 3 9 | .... | .... | ... | .... | .... | .... | .... | .... | .... | .... | 75,721 13 7 | 64,537 3 9 | .... | 11,184 9 10 |
| | | | 4,878 6 9 | 5,31,060 4 6 | | | | | | | 2,28,355 11 0 | 2,55,049 6 0 | | | 20,289 9 9 | 5,19,777 12 6 |
| | | | | —4,878 6 9 | | | | | | | | 2,28,355 11 0 | | | | —20,289 9 9 |
| Total Rs. .. | 39,33,877 9 4 | 34,07,195 11 7 | .... | 5,26,181 13 9 | 17,06,921 1 0 | 1,004 0 0 | 17,07,925 1 0 | 16,45,040 2 0 | 36,182 4 0 | 16,81,231 6 0 | .... | 26,693 11 0 | 22,25,452 8 4 | 17,25,964 5 7 | .... | 4,99,488 2 9 |

N. S. KOWSHIK,
Ag. Deputy Assessor and Town Duty Refund Officer.

# Appendix B.

STATEMENT contrasting the Imports, Exports and Balance of several articles subject to Town Duty during the year 1922-23 with those for 1921-1922.

| NAME OF ARTICLE. | IMPORTS. | | | | EXPORTS AND SUPPLY TO GOVERNMENT BY CONTRACTORS. | | | | | | | | BALANCE (LOCAL CONSUMPTION AND STOCK). | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1921-22. | | | 1922-23. | | | | | | | | |
| | 1921-22. | 1922-23. | Increase in 1922-23. | Decrease in 1922-23. | Exports. | Supply to Government. | Total. | Exports. | Supply to Government. | Total. | Increase in 1921-22. | Decrease in 1922-23. | 1921-22. | 1922-23. | Increase in 1922-23. | Decrease in 1922-23. |
| Grain, at annas 5 per Candy .. Candies | 30,35,159 | 24,09,875 | ........ | 6,25,284 | 15,23,996 | ........ | 15,23,996 | 8,92,992 | ........ | 8,92,992 | ........ | 6,31,004 | 13,71,651 | 14,02,854 | 31,203 | ........ |
| Flour, at annas 4½ per Candy .. Candies | 3,789 | 13,636 | 9,897 | .... | 1,43,301 | ........ | 1,43,301 | 1,27,715 | ........ | 1,27,715 | ........ | 15,586 | | | | |
| Sugar, at annas 8 per Cwt. .. Cwts. | 31,53,208 | 30,55,871 | ........ | 97,427 | 19,03,715 | 2,008 | 19,05,723 | 23,10,424 | ........ | 23,10,424 | 4,04,701 | ........ | 12,47,575 | 7,45,447 | ........ | 5,02,128 |
| Wines and Spirits, at annas 4 per Imperial Gallon .. Gallons. | 9,39,117 | 9,45,245 | 6,128 | .... | 78,828 | ........ | 78,828 | 56,695 | ........ | 56,695 | ........ | 22,133 | 8,60,289 | 8,88,550 | 28,261 | ........ |
| Beer, at pies 6 per Imperial Gallon. Gallons. | 9,49,800 | 9,67,811 | 18,011 | .... | 4,72,530 | ........ | 4,72,530 | 3,65,356 | ........ | 3,65,356 | ........ | 1,07,174 | 4,77,270 | 6,02,455 | 1,25,185 | ........ |
| Ghee, at annas 10 per Bombay Maund. Maunds. | 5,90,058 | 5,19,207 | ........ | 70,846 | 47,177 | ........ | 47,177 | 30,893 | 57,892 | 88,785 | 41,608 | ........ | 5,42,876 | 4,30,422 | ........ | 1,12,454 |
| Timber, at 2½ per cent. on Market Value. Value Rupees. | 2,03,40,487 | 1,26,44,397 | ........ | 76,96,090 | 31,72,075 | ........ | 31,72,075 | 29,65,802 | ........ | 29,65,802 | ........ | 2,06,273 | 1,71,68,412 | 96,78,525 | ........ | 74,89,817 |
| Firewood, at annas 2 per Candy .. Candies | 6,05,775 | 5,16,297 | ........ | 89,478 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 6,05,775 | 5,16,297 | ........ | 89,478 |

N. S. KOWSHIK,
Ag. Deputy Assessor & Town Duty Refund Officer.

# PUBLIC WORKS.

No. M.C./2/A of 1923-24.

Special Engineer's Office,
Bombay, *7th June* 1923.

To
The MUNICIPAL COMMISSIONER
for the City of Bombay.

Sir,

I have the honour to forward the Administration Report of the Special Branch under my control for the year 1922-23.

2. The report is divided under the following heads:—

| | Paragraph Nos. |
|---|---|
| **Municipal Building Construction** ... ... ... | 3—57 |
| **Schemes—Overbridges, Roads, etc.** ... ... ... | 58—98 |
| **Miscellaneous Works** ... ... ... ... ... ... ... | 99—121 |

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## MUNICIPAL BUILDING CONSTRUCTION.

3. The general conditions as regards the prices of building materials and labour have improved and the majority of the works budgetted for were carried out during the year under report.

### Bathing Places.

4. (1) The question of constructing a bathing place at **Fergusson Road** is under consideration.

### Markets.

5. (1) The work of constructing a new Poultry House and Offices in the **Arthur Crawford Markets** was nearing completion at the close of the year and when brought into operation should remove the present congestion and greatly improve the working conditions.

6. (2) The cost of constructing the cold storage at the **Arthur Crawford Markets** amounted to Rs. 92,456. The refrigerator plant was supplied and installed by Messrs. Greaves Cotton & Co., Ld. at a cost of Rs. 1,14,378. This cold storage installation was of an experimental character and was designed in four compartments so that different commodities might be stored according to their kind at varying temperatures and under suitable conditions.

7. It was considered desirable before launching the larger scheme for which ground has been acquired at **Palton Road** to ascertain the nature and extent of the probable demand for cold storage accommodation.

8. The installation has worked very successfully in every way. The goods have been kept in splendid condition and the demand for space has been so great as to demonstrate the need for its introduction and expansion and to show that financial success is assured.

9. The provision of suitable cold storage in the other new **Markets** is being considered as also the question of milk preservation and distribution.

10. (3) A provision of Rs. 20,000 was made in the Revised Loan Works budget for the year 1922-23 for the construction of a Tea-shop in the **Arthur Crawford Markets.** Plans and estimates for the work were approved under Corporation Resolution No. 7319 of 10th November 1921. Tenders for the work were invited and the lowest one of the Tata Construction Co., Ld., amounting to Rs. 18,026, was accepted under Standing Committee Resolution No. 6306 of 17th October 1922. The work was in progress at the close of the year.

11. (4) A provision of Rs. 30,000 was made in the Revised Loan Works budget for the year 1922-23 and one of Rs. 25,000 in the budget for the year 1923-24 for the construction of a wholesale Beef Market in the **Arthur Crawford Markets.** Plans and esti-

mates for the work were approved under Corporation Resolution No. 6143 of 12th October 1922. Tenders for the work were invited and the lowest one of Messrs. Shirali & Vertak, amounting to Rs. 48,078, was accepted under Standing Committee Resolution No. 11293 of 27th March 1923. Arrangements were being made to start the work at the close of the year.

12. (5) A provision of Rs. 12,500 was made in the Revised Loan Works budget for the year 1922-23 for the construction of Egg stalls at the **Arthur Crawford Markets.** Plans and estimates for the work were approved under Corporation Resolution No. 7722 of 30th November 1922. Tenders for the work were invited and the lowest one of Messrs. Shirali and Vertak amounting to Rs. 8,230 was accepted under Standing Committee Resolution No. 27 of 4th April 1923. Arrangements were being made to start the work at the close of the year.

13. (6) The plot on which the **Market at Chowpatti** is to be built has not yet been handed over by the City Improvement Trust.

14. (7) A provision of Rs. 75,000 was made in the Revised Loan Works budget for the year 1922-23 and one of Rs. 2,25,000 in the budget for the year 1923-24 for the construction of a **Market at Gilder Tank.** Plans and estimates for the work were approved under Corporation Resolution No. 3552 of 31st July 1919. Tenders for the work were invited and the lowest one of Messrs. Anna Balvant & Co. was accepted under Standing Committee Resolution No. 11116 of 22nd March 1923. The work was started by the Contractors at the close of the year.

15. (8) A provision of Rs. 14,000 was made in the Revised Loan Works budget for the year 1922-23 for the construction of masonry stalls at **Musjid Bunder Market.** Plans and estimates for the work were approved under Corporation Resolution No. 6585 of 20th October 1921. Tenders for the work were invited and the lowest one of Mr. Jivaji Kassamji, amounting to Rs. 8,322-7-2, was accepted under Standing Committee Resolution No. 3390 of 19th July 1922. The work was completed at the close of the year.

16. (9) Negotiations with the Development Directorate are well advanced in regard to the site for the **New Market and Slaughter House** to be constructed at **Deonar** and it is hoped that levelling operations may be undertaken at an early date.

## Latrines and Urinals.

17. (1) Plans and estimates for the construction of **latrines, urinals** and bathing places at **Cavel Street** were approved under Corporation Resolution No. 4675 of 28th August 1922. Tenders for the work were invited and the lowest one of the Tata Construction Co., Ld., amounting to Rs. 19,453, was accepted under Standing Committee Resolution No. 6463 of 25th October 1922. The work was completed at a cost of Rs. 18,700.

18. (2) The latrines and urinals with Caretaker's quarters at **Abdul Rehman Street** were completed at a cost of Rs. 33,800.

## Cemeteries.

19. (1) The cost of constructing a compound wall around the **Roman Catholic Cemetery at Haines Road** amounted to Rs. 25,000.

20. (2) The cost of filling in a further portion of the low-lying ground at the **Haines Road Hindu Cemetery** amounted to Rs. 8,287-1-7.

21. (3) A provision of Rs. 10,000 was made in the Revenue budget for the year 1922-23 for filling in a further portion of the low-lying ground at the **Haines Road Hindoo Cemetery.** Tenders for the work were invited and the lowest one of Mr. K. G. Kermani was accepted under Standing Committee Resolution No. 5856 of 3rd October 1922. The work was completed at the close of the year.

22. (4) A provision of Rs. 50,000 was made in the revised **Loan Works Budget** for the year 1922-23 for cutting out, filling in, levelling, etc., the land acquired from the City Improvement Trust for the extension of the **Christian Cemetery at Sewri.** Estimates for the work were approved under Corporation Resolution No. 10041 of 14th January 1921. Tenders for the work were invited and the lowest one of the Tata Construction Co., Ld., amounting to Rs. 20,529, was accepted under Standing Committee Resolution No. 6305 of 17th October 1922. The work was commenced by the Contractors at the close of the year.

## Refuse Destructors.

23. (1) The work of constructing **Lightning Crusher at Carnac Bridge** was in progress at the close of the year.

24. The question of constructing the **Incinerator at Bapty Road** is under the consideration of the Corporation and revised estimates at current prices are being prepared.

## Stables.

25. (1) Revised plans and estimates for the construction of **Offices and Stables for "D" Ward Bullocks at Annesley Road** are being prepared and are being designed to suit mechanical traction in future. A provision of Rs. 50,000 has been made in the Revised Loan Works budget for the year 1922-23 and one of Rs. 2,50,000 in the budget for the year 1923-24 for carrying out the work.

## Chawls.

26. (1) A provision of Rs. 50,000 was made in the Revised Loan Works budget for the year 1922-23 and one of Rs. 71,000 in the budget for the year 1923-24 for the construction of the superstructure over a **Chawl at Valpakhady.** Plans and estimates for the work were approved under Corporation Resolution No. 4677 of 28th August 1922. Tenders for the work were invited and the lowest one of Mr. K. G. Kermani was accepted under Standing Committee Resolution No. 9077 of 17th January 1923. The work was in progress at the close of the year.

27. (2) The total cost of extending the **Grave-diggers' Chawl at the Haines Road Hindoo Cemetery** amounted to Rs. 20,300.

28. (3) The work of constructing a **Semi-permanent Chawl** consisting of 16 rooms for the unloading staff at **Deonar** was completed at a cost of Rs. 26,000.

29. (4) The work of making additions to the **Laskars' Chawl at the Fire Brigade Station at Byculla** was completed at a cost of Rs. 38,000.

30. (5) Tenders for the construction of a **Semi-permanent Chawl for the Grave-diggers at Antop Hill, Matunga,** were invited and that of Messrs. Dattatrya Govind & Co., amounting to Rs. 6,037, was accepted under Standing Committee Resolution No. 8357 of 20th December 1922. The work was nearing completion at the close of the year.

31. (6) A provision of Rs. 23,700 was made in the Revised Loan Works budget for the year 1922-23 for constructing quarters for **Grave-diggers, Burning-ground Cleaners, etc., at Tank Bunder Cemetery.** Plans and estimates for the work were approved under Corporation Resolution No. 7318 of 10th November 1921. Tenders for the work were invited and the lowest one of the Tata Construction Co., Ld., was accepted under Standing Committee Resolution No. 6307 of 17th October 1922. The work was in progress at the close of the year.

32. (7) A provision of Rs. 13,000 was made in the Revised Loan Works budget for the year 1922-23 for constructing a **Semi-permanent Chawl for Emergency Gang at Babula Tank.** Plans and estimates for the work were approved under Corporation Resolution No. 2993 of 10th July 1922. Tenders for the work were invited and the lowest one of Mr. F. E. Cooper, amounting to Rs. 10,094, was accepted under Standing Committee Resolution No. 1998 of 14th June 1922. The work was completed at a cost of Rs. 10,700.

33. (8) It was proposed to pave the open spaces all round and between the chawls at Dadar out of the savings in the grant sanctioned for the construction of the **Chawls at Dadar.** Estimates for the work were approved under Corporation Resolution No. 6460 of 25th October 1922 and 2720 of 9th November 1922. Tenders for the work were invited and the lowest one of Messrs. Shivappa Chinappa & Co. was accepted under Standing Committee Resolution No. 6460 of 25th October 1922. The work was completed at a cost of Rs. 22,200.

34. (9) A provision of Rs. 30,000 was made in the Revised **Loan Works Budget** for the year 1922-23 for the construction of a **Chawl for the Unloading Staff at Kurla Deonar.** Plans and estimates for the work were approved under Corporation Resolution No. 5417 of 21st September 1922. Tenders for the work were invited and the lowest one of Messrs. L.S. Mehta & Co., amounting to Rs. 28,058, was accepted under Standing Committee Resolution No. 9074 of 17th January 1923. The work was in progress at the close of the year.

## Offices.

35. (1) The construction of **Ward offices and quarters** for the various **Departments** has been kept in abeyance for want of funds.

36. (2) A provision of Rs. 50,100 was made in the Revised Loan Works budget for the year 1922-23 and one of Rs. 74,000 in the budget for the year 1923-24 for the construction of a Registration Office and Dispensary for Byculla Ward at Souter Street. Plans and estimates for the work were approved under Corporation Resolution No. 7286 of 10th November 1921. Tenders for the work were invited and the lowest one of Mr. F. E. Cooper, amounting to Rs. 1,06,403, was accepted under Standing Committee Resolution No. 6670 of 1st November 1922. The work was in progress at the close of the year.

37. (3) A provision of Rs. 1,00,000 was made in the Revised Loan Works budget for the year 1922-23 and one of Rs. 45,000 in the budget for the year 1923-24 for making additions to the **Municipal Office Buildings** on the present site. It was proposed to provide office accommodation for the Drainage, Assessment and School Committee's Departments. Plans and estimates for the work were approved under Corporation Resolution No. 10201 of 22nd February 1923. Tenders for the work were invited and those received were under consideration at the close of the year.

38. It was also proposed to provide additional office accommodation for the **Municipal Secretary's Office** from the above funds. Plans and Estimates for the work were approved under Corporation Resolution No. 10201 of 22nd February 1923. Tenders for the work were invited and those received were under consideration at the close of the year.

## Hospitals.

39. (1) The work of constructing Four European Wards, Mortuary, Kitchen, Stores, etc., at the **Arthur Road Hospital** was completed with the exception of the Mortuary.

40. The work of providing Electric Installation at the **Arthur Road Hospital** (New Section) was completed by the contractors at the close of the year. The additional work of providing electric lights, fans, etc., for the remaining two European wards has also been entrusted to the contractors. The variation of the contract was sanctioned by the Standing Committee under their Resolution No. 32 of 4th April 1923.

41. The lowest tender of the **Trinity Electric Syndicate** amounting to Rs. 3,470 for the supply of table fans, ceiling fans and electric bells was accepted under Standing Committee Resolution No. 2842 of 5th July 1922. The work was completed at a cost of Rs. 3,470.

42. (2) A provision of Rs. 50,000 was made in the Revised Loan Works budget for the year 1922-23 and one of Rs. 74,000 in the budget for the year 1923-24 for the construction of servants' and sweepers' quarters at the **Arthur Road Hospital**. Plans and estimates for the work were approved under Corporation Resolution No. 5792 of 2nd October 1922. Tenders for the work were invited and the lowest one of Mr. K. G. Kermani amounting to Rs. 1,08,708 was accepted under Standing Committee Resolution No. 9432 of 31st January 1923. The work was in progress at the close of the year.

43. (3) A provision of Rs. 18,000 was made in the Revised **Loan Works Budget** for the year 1922-23 for the construction of a Discharge Block at the **Arthur Road Hospital**. Plans and estimates for the work were approved under Corporation Resolution No. 993 of 1st May 1922. Tenders for the work were invited and the lowest one of the Tata Construction Co., Ltd., was accepted under Standing Committee Resolution No. 6308 of 17th October 1922. The work was in progress at the close of the year.

44. (4) A provision of Rs. 23,000 was made in the **Loan Works Budget** for the year 1923-24 for the construction of a compound wall opposite the new quarters at the **Arthur Road Hospital**. Plans and estimates for the work were approved under Corporation Resolution No. 10528 of 5th March 1923. Tenders for the work were invited and the lowest one of Mr. M. K. Shanabag was accepted under Standing Committee Resolution No. 10343 of 28th February 1923. The work was in progress at the close of the year.

45. (5) A provision of Rs. 15,300 was made in the Revised **Loan Works Budget** for the year 1922-23 for providing electric installation at the **Maratha Hospital**. The estimates for the work were approved under Corporation Resolution No. 8470 of 21st December 1922. Tenders for the work were invited and the lowest one of Messrs. Josts Engineering Co., Ltd., amounting to Rs. 10,000, was accepted under Standing Committee Resolution No. 254 of 11th April 1923. Arrangements were being made to start the work at the close of the year.

## Primary Schools.

46. (1) The work of constructing a **Primary School at Babula Tank** was nearing completion at the close of the year.

47. (2) The work of constructing a **Primary School at Dongri Street** was nearing completion at the close of the year. The tender of the Tata Construction Co., Ltd., for the drainage and water fittings work amounting to Rs. 19,623-8-0 was accepted under Standing Committee Resolution No. 9521 of 27th January 1922. This work was also nearing completion at the close of the year.

48. (3) Plans and estimates for the construction of a **Primary School at Mustan Tank** were approved under Corporation Resolution No. 8460 of 31st December 1922 and approval of Government to the same is being awaited.

49. (4) Plans and estimates for the construction of a **Primary School at DeLisle Road** were approved under Corporation Resolution No. 7727 of 30th November 1922 and approval of Government to the same is being awaited.

50. (5) The Corporation under their Resolution No. 9526 of 6th November 1919 approved a plot of C. I. Trust land on the Soparibag Estate being leased from the C. I. Trust for the construction of a **Primary School at Soparibag Road.** Plans and estimates for the work were approved under Corporation Resolution No. 5411 of 21st September 1922. A provision of Rs. 3,000 was made in the Revised Loan Works budget for the year 1922-23 and one of Rs. 2,00,000 for the year 1923-24 for carrying out the work. Tenders for the work will shortly be invited.

## Gardens.

51. (1) Tenders for the construction of a **Bandstand at Chowpatti** were invited and the lowest one of Messrs. T. C. Varma & Bros. was accepted under Standing Committee Resolution No. 6462 of 25th October 1922. The work was in progress at the close of the year.

## Fire Brigade.

52. (1) Plans and estimates for making additions to the existing **Fire Brigade Station at Haines Road** for the accommodation of Motor Ambulances were approved under Corporation Resolution No. 4390 of 21st August 1922. Tenders for the work were invited and the lowest one of Messrs. G. J. Husseinalli & Co. was accepted under Standing Committee Resolution No. 2845 of 5th July 1922. The work was completed at the close of the year.

53. (2) The Corporation under their Resolution No. 9799 of 13th November 1919 accepted the offer of the Bombay Port Trust to pay to the Municipality half the initial cost and half the maintenance charges for the construction of a **Fire Brigade Station** to be constructed between Alexandra and Victoria Docks to serve the dock area. A lease of plot of land at Frere Road measuring about 1,500 square yards from the Port Trust for the Fire Brigade Station was sanctioned under Corporation Resolution No. 3869 of 22nd July 1920. Plans and estimates for the work were approved under Corporation Resolution No. 4672 of 28th August 1922. A provision of Rs. 75,000 was made in the Revised Loan Works budget for the year 1922-23 and one of Rs. 25,000 in the budget for the year 1923-24. Tenders for the work were invited and the lowest one of Messrs. Ramji Keshovji & Co. was accepted under Standing Committee Resolution No. 9078 of 17th January 1923. The work was commenced by the Contractors at the close of the year.

## Miscellaneous.

54. (1) As there were no prospects of getting a reasonable offer for the construction of a fountain at the junction of **Sandhurst Road and Dongri Street,** the work had to be deferred.

55. (2) Mr. Devidas Parbhudas Kothari kindly offered Rs. 15,000 for constructing a fountain with a trough opposite the General Post Office at Mint Road which was accepted under Corporation Resolution No. 7334 of 21st October 1920. Tenders for the work were invited and the lowest one of Messrs. Ramji Keshovji & Co. was accepted under Standing Committee Resolution No. 2337 of 21st June 1922. The work was nearing completion at the close of the year.

56. (3) The Corporation under their Resolution No. 2998 of 19th July 1922 approved of the plans and estimates for the construction of **Caretaker's quarters** and provision of

corrugated steel pale fencing with gates, etc., at the reclaimed Mustan Tank, the cost thereof being met from savings in different loan works. Tenders for the work were invited and the lowest one of Messrs. L. S. Mehta & Co., amounting to Rs. 11,796, was accepted under Standing Committee Resolution No. 9075 of 17th January 1923. The work was in progress at the close of the year.

57 (4) The Corporation under their Resolution No. 6458 of 25th October 1922 approved of the plans and estimates for the construction of a compound wall and W. I. railing for the recreation ground at Gilder Tank and sanctioned a grant of Rs. 8,935 from Surplus Cash Balance to meet the cost of the same. Tenders for the work were invited and the lowest one of Mr. K. M. Worlikar, amounting to Rs. 9,736, was accepted under Standing Committee Resolution No. 6458 of 25th October 1922. The work was nearly completed at the close of the year.

## SCHEMES—OVERBRIDGES, ROADS, etc.

### Overbridges.

58. *Currey Road Overbridge.*—The portion of the western approach along DeLisle Road will be connected with the southern approach of DeLisle Road Overbridge which is under construction.

59. *DeLisle Road Overbridge.*—All the buildings have been acquired. The diversion of underground works is going on. The B. B. & C. I. Railway have simultaneously taken the bridge work in hand.

60. *Dadar Overbridge.*—All the acquisition proceedings are over. Out of the three references to the High Court, one was dismissed with costs. The remaining two are still pending. All the plots acquired on behalf of Municipality have been taken charge of. Those notified for Government in the first instance are also being taken over by the Municipality by settlement with Government. The work of constructing the bridge approaches has progressed well, but some delay has taken place in the supply of the steelwork.

61. *Mahaluxmi Overbridge Scheme.*—Negotiations for amicable settlement having failed, steps are being taken to acquire the properties under the Land Acquisition Act.

62. *Victoria Road Overbridge.*— All the acquisition proceedings for this scheme are over. The case of the claimant who had appealed to the High Court is still pending. All the properties required for the scheme have been taken charge of. The plots actually required for the extension of the western approach of Victoria Road Overbridge have already been handed over to the Port Trust and its construction is nearing completion.

63. *Extension of Frere Overbridge near Grant Road.*—The land has already been acquired and handed over to the B. B. & C. I. Ry. who have commenced the extension of the bridge.

64. *Widening of Olivant Overbridge.*—The land required for the widening of this Overbridge has been taken charge of and handed over to the G.I.P. Ry. Co. who have commenced the work of widening the Overbridge.

65. *Widening of Hancock Bridge.*—Work is being carried out by the G.I.P. Ry.

### Special Road Schemes.

66. *Widening of Church Gate Street.*—All the reconstituted plots are being built upon. The construction of the new roads will very shortly be taken in hand. The decision of the Privy Council Appeal has been given against the claimants in the Fort Press Company's case. Two more High Court references have also been disposed of during the current year.

67. *Dalal Street Scheme.*—All the buildings have either been demolished or set-back except the Government Book Depôt which will shortly be handed over to the Municipality. The construction of the new Dalal Street will be taken in hand shortly. The total expenditure incurred amounted to Rs. 2,34,702-2-7 and the recovery Rs. 3,94,000.

68. *Widening of Apollo Street.*—The land has been taken charge of. The High Court reference is still pending. The total expenditure incurred amounted to Rs. 1,05,400.

69. *Golanji Hill Road Scheme.*—Most of the land required has been acquired but in five cases references to the High Court against the Land Acquisition Officer's awards have been made. Few cases are still pending before the Land Acquisition Officer. The total expenditure incurred is Rs. 8,58,000.

70. *Golanji Hill Road Extension.*—As approved by the Corporation under their Resolution No. 10036 of 19th February 1923 this road is to be constructed by the Municipality on behalf of the Bombay Port Trust. Negotiations have accordingly been opened with the owners of the properties required for the work.

71. *First Marine Street.*—Further properties are being acquired.

72. *Widening of Musjid Bunder Road and Samuel Street.*—Land required for this scheme is being acquired under the Land Acquisition Act.

73. *Acquisition of Properties near Pydhoni.*—Negotiations for the retention and exchange of lands are still going on.

74. *Abdul Rehman Street and Musjid Bunder Road.*—The proceedings before Land Acquisition Officer have been completed. He will now publish the award.

75. *Widening of Lohar Street and Girgaum Road.*—As settled with the party the set-back has been acquired free of charge and added to the road.

76. *Widening of Dukerwadi and Girgaum Road.*—Land required for the work is being acquired.

77. *Widening of Nesbit Road.*—A further set-back has been enforced and added to the road.

78. *Bapu Khote Street Scheme.*—Estimates have been prepared for this scheme and the same will shortly be submitted to the Corporation for their sanction.

79. *Improving dangerous corners at Null Bazar.*—Estimates have been prepared for this scheme and will shortly be submitted to the Corporation for their sanction.

80. *Hornby Road to Ballard Pier Scheme.*—There are 225 properties comprised in the scheme which have been notified for acquisition. Inquiries are being held by the Land Acquisition Officer in 97 cases. In 23 cases awards have been published and the compensation moneys paid.

81. The total expenditure incurred up to 31st March 1923 amounts to Rs. 29,85,834.

82. Arrangements have been made with the Military Authorities to take over and add to the scheme the area presently occupied by the Old Helmet Godown, the Military Dairy and the Old Barracks. This will add about 18,116 square yards of new residential property and will greatly facilitate development and relieve congestion. The additional area beyond what was originally included in the scheme will cost about Rs. 31,57,000.

83. *Dadar Kumbharwada Road.*—All the properties have been acquired. The work of constructing this road as shown below is nearing completion. Only one case remains to be settled pending High Court's decision as to the ownership of property. The total expenditure incurred is Rs. 7,26,100. Expected recovery amounts to Rs. 1,91,179 out of which Rs. 1,16,966 has already been received exclusive of 7,929 square yards available for sale. In one case the party being dissatisfied with the award, has made a reference to the High Court.

84. *Improvement of Love Grove Pumping Station Road and the Construction of Staff Quarters.*—All the properties have been acquired. The parties being dissatisfied with the award, have made reference to the High Court. Total expenditure up to now is Rs. 2,50,000 and realisation Rs. 65,000 exclusive of 8,649 square yards available for sale.

85. *Road between Cadell Road and Mahim Kapad Bazar.*—All cases have been settled and road construction work will shortly be taken in hand. Expected recovery amounts to Rs. 3,000 exclusive of 152 square yards available for sale after the acquisition.

## Mahim Development Schemes.

### *Scheme No. I.*

86. *Road from Lady Jamshedji Road to Mahim Station.*—All the properties have been acquired. Road construction work is in progress as shown below. Total expenditure up to now is Rs. 2,51,000, expected recovery amounts to Rs. 3,04,416 out of which Rs. 1,35,670 has already been recovered exclusive of 18,775 square yards available for sale.

### *Scheme No II.*

87. *Nardulla Tank Scheme.*—All the properties have been acquired and the road construction work is in progress. Two High Court suits have been settled and one is still proceeding. Total expenditure up to now is Rs. 5,75,500, expected recovery amounts to Rs. 2,98,271 out of which Rs. 1,76,569 has already been recovered exclusive of 10,009 square yards available for sale.

### *Scheme No. III.*

88. *Extension of DeLisle Road Northwards to meet Lady Jamshedji Road.*—27 cases have been settled out of which nominal awards in 9 cases remain to be published in accordance with the terms of settlement. Properties in 22 cases have been acquired through the Government Land Acquisition Officer under awards. Arrangements are being made to take over possession of the properties in the remaining cases as soon as possible. Only 13 cases remain to be closed. Two cases have been referred to the High Court by the claimants being dissatisfied with the awards. The total expenditure up to now is Rs. 10,81,400, expected recovery amounts to Rs. 97,697 out of which Rs. 29,327 have already been recovered exclusive of 87,247 square yards available for sale.

### *Scheme No. IV.*

89. *Widening and Improving Lady Jamshedji Road from Bombay Woollen Mills to Bandra Causeway.*—37 cases have been amicably settled out of which nominal awards in 3 cases remain to be published in accordance with the terms of settlement. Properties in 64 cases have been acquired through the Government Land Acquisition Officer under awards. Arrangements are being made to take over properties in the remaining cases as soon as possible. Only 22 cases remain to be closed. Eighteen parties being dissatisfied with the awards have made reference to the High Court. The total expenditure up to now is Rs. 22,18,900, expected recovery amounts to Rs. 3,19,142 out of which Rs. 97,958 have been recovered exclusive of 1,15,301 square yards available for sale.

90. *Scheme No. V.*—Road from Lady Jamshedji Road to Tulsi Pipe Line Road in continuation of Mahim Bazar Cross Road.

91. *Scheme No. VI.*—Road between Dadar and Matunga.

92. *Two short Roads.*—For giving easy access to Mahim Bay.

Government have notified the properties in these cases under Sections 4 and 6 of the Land Acquisition Act and Acquisition proceedings will shortly be opened before the Government Land Acquisition Officer.

93. *Public Park at Mahim.*—Sixteen cases have been amicably settled out of which awards in 8 cases remain to be published in accordance with the terms of settlement. Properties in 30 cases have been acquired through the Government Land Acquisition Officer. Arrangements are being made to take over properties in the remaining cases as soon as possible. Only 18 cases remain to be closed. Four cases have been referred to the High Court by the claimants being dissatisfied with the Land Acquisition Officer's awards. Total expenditure up to now is Rs. 21,40,500, expected recovery amounts to Rs. 62,442 out of which Rs. 17,162 have been recovered exclusive of 1,30,552 square yards available for sale.

94. The Mahim Schemes were essentially designed to open up and develop the area and to afford convenient through communication. It is anticipated that rapid development will ensue on completion of these road schemes. The effect of the opening up and widening of Cadell Road, Lady Hardinge Road and Mahim Bazar Cross Road has been very marked. The increase in the rateable value of the Mahim District since these works were undertaken is as follows :—

| Year. | | Net or rateable value. |
|---|---|---|
| | | Rs. |
| 1-4-1916 | ... ... | 36,10,623. |
| 31-3-1923 | ... ... | 67,66,829. |
| Difference | ... | 31,56,206. |

95. This shows an increase of 87·41 per cent. and it is expected that a corresponding or even greater increase will result from the works now being undertaken.

96. *Grant Road Terminal Scheme.*—Proceedings regarding acquisition of Municipal properties notified for the scheme are going on before the Land Acquisition Officer. Negotiations for amicable settlement with the Railway Company are however proceeding.

97. *Tulsi Pipe Line Road Scheme.*—( Road from Haines Road to Dadar ). Negotiations opened. Steps are being taken to acquire the properties under the Land Acquisition Act.

98. *Proposed Road from Haines Road to the junction of Tulsi Pipe Line Road and Fergusson Road.*—Nearly half of the land required for this road has been purchased or arranged for and negotiations are proceeding with a view, if possible, to secure the remainder by amicable settlement.

## Miscellaneous Works.

99. *Land for the Extension of Arthur Road Hospital.*—The owners of the land already acquired have appealed to the Privy Council against the judgment of the High Court.

100. *Primary School at Valpakhadi.*—The land has been taken charge of. A reference has been made by the parties to the High Court for the determination of the compensation.

101. *School and Quarters for the Municipal staff at Mazagon, Mingalwadi.*—The case has been opened by the Land Acquisition Officer. The Government had temporarily withheld the proceedings on the application of the claimants, but now the proceedings have been resumed and the case is pending before the Land Acquisition Officer.

102. *Extension of Municipal Workshops at Foras Road.*—The acquisition proceedings have been completed and the properties will now be taken charge of by the Municipality.

103. *Byculla Overbridge and Market.*—The property has been acquired at a cost of Rs. 5,74,427.

104. *Primary School at Muslan Tank.*—The required plots have been taken charge of by the Municipality at a cost of Rs. 1,58,800.

105. *Extension of Jewish Cemetery at Haines Road.*—Government order for the resumption of the land belonging to the City Improvement Trust has been issued. Land belonging to the private parties has been notified and proceedings opened by Government Land Acquisition Officer.

106. *Improvement of the corner at the junction of Girgaum Back Road and Kakadwadi Street.*—The property has been notified by Government and the proceedings before the Land Acquisition Officer have been closed for award.

107. *Maternity Home at Victoria Road 3rd Cross Lane.*—Steps are being taken to acquire the property under the Land Acquisition Act.

108. *Extension of Hindu Cemetery at Wadala.*—Negotiations have been opened with the owners of the properties.

109. *Hindu Cemetery at Worli.*—Negotiations are being opened with a view to amicable settlement.

110. *Site for a Urinal at Girgaum Tram Terminus.*—Negotiations going on with the party.

## Main Drainage and Sewerage Scheme.

111. As arranged by the Corporation, the Municipal experts, Messrs. Watson and Kershaw and Dr. Adeney arrived here on 1st December 1922 and obtained a first hand knowledge of Bombay and its harbour. They had also meetings with the Executive Officers, Bombay Port Trust and with the Drainage Committee of the Corporation. The latter after giving most careful consideration to the Port Trust notes and reports of their experts, made an exhaustive report to the Corporation on 19th February 1923 which was approved by the Corporation under Corporation Resolution No. 11226 of 23rd March 1923. As desired in that Resolution, Government have been approached to accord their sanction ( as required by Section 245 of the City of Bombay Municipal Act to the new outfall from the purification

works at Antop Hill being made into the Kurla Creek in the neighbourhood of the Mahul Pier at a point about ½ a mile distant from the Port Trust Harbour limits as a temporary measure, with the proviso for its being made permanent in the event of complete success.

112. The Corporation in applying for sanction have very properly undertaken, if subsequently deemed necessary, to carry out further remedial measures in case Government after due inquiry by experts calls upon them to do so.

### Love Grove Sewerage Outfall Works.

113. During the year no work has been done towards the construction of the outfall.

### Filling in Southern portion of Storm Water Reservoir.

114. Labour was abundant during the year and the work of filling in, progressed rapidly. Exceedingly satisfactory progress having been made with the reclamation considering the nature of the material of which Worli Hill consists.

115. Unfortunately progress was held up considerably towards the end of the year owing to the outbreak of the plague but as the result of the vigorous sanitary measures which were taken on the works and the inoculation of the whole labour staff the trouble was comparatively quickly got over and resumption of satisfactory and normal work possible.

116. A dispensary was opened on the works during the year and has proved a boon to the staff.

### Love Grove Quarry.

117. A considerable quantity of rock is being obtained from the excavation of Worli Hill in connection with the work of filling in the Storm Water Reservoir. This is being crushed and issued to the Road and Works Departments as chips, etc. The total quantity issued during the year being 2,53,000 c.ft.

### Filling in a further portion of low-lying ground at Detisle Road behind Arthur Road Hospital.

118. This work is well in hand and is nearing completion.

### Filling in Naigaum Tank.

119. The filling in of this tank is proceeding ; the material dumped being the surplus excavation from the various drainage works that are being carried out in the neighbourhood.

120. The following statement shows the various roads, storm-water drains, and pipe sewers under construction in the Northern part of the Island.

121. *New Road Works.*

| Name of work. | How being carried out. | State of works as at March 1923. | Remarks. |
|---|---|---|---|
| Dadar Kumbharwada. | Departmentally ... | In progress ... | Nearing completion. |
| Love Grove Road widening. | Do. ... | Portion completed. | Further progress awaiting further acquisition. |
| Nardula Scheme (Scheme No. II.) | Do. ... | In progress ... | 60′ Road completed others awaiting completion of sewers and drains. |
| Mahim Station Road Scheme No. I. | Do. ... | Do. ... | Road work awaiting completion of sewer work |

*New Sewers.*

| Name of work. | How being carried out. | State of works as at March 1923. | Remarks. |
|---|---|---|---|
| Dadar Kumbharwada sewer. | Departmentally.... | In progress ... | Nearing completion. |
| Nardula Scheme Sewer in 60′ Road. | Do ... | Completed ... | |
| Sewer in 50′ Road and Cross Roads. | Contract ... | Commenced ... | |
| Sewer in Mahim Station Road. | Do. ... | Do. .. | |
| Lady Jamshedji Road... | Departmentally. ... | Do. ... | |
| Sewer in continuation of 50′ Road to Tulsi Pipe Road. | Do. ... | Materials arranged for. | Work to be commenced after the rains. |
| Sewer in 100′ Road Delisle Road Extension. | Do. ... | Do. ... | Do. |
| Mahim Station Road... | Do. ... | Completed ... | |
| Nardula Tank Scheme S. W. Drain in 60′ Road. | Do. ... | In progress ... | Nearing completion. |
| S. W. Drain in 50′ Road and a portion of Cadell Road to meet Outfall No. 1. | Contract ... | Commenced ... | |
| S. W. Drain in Cross Roads. | Departmentally ... | Do. ... | |
| S. W. Mahim Bay Outfall No. 1. | Do. ... | Do. ... | |
| Dadar Kumbharwada Storm Water Drains. | Do. ... | In progress ... | Nearing completion. |
| S. W. Drain between Lady Jamshedji Road and Portuguese Church Tank. | Do. ... | Commenced ... | |

I have the honour to be,

Sir,

Your most obedient servant,

JAMES W. MACKISON,

Special Engineer,

Development Works.

No. MC/2/A of 1923-24.

Executive Engineer's Office,
Bombay, *5th June* 1923.

To

The MUNICIPAL COMMISSIONER
for the City of Bombay.

Sir,

I have the honour to forward the Administration Report of the Department under my control for the year 1922-23.

2. The report is divided under the following heads :—

| | Paragraph Nos. |
|---|---|
| **Disposal of Town Sweepings** ... ... ... ... ... ... | 3— 12 |
| **Drainage** ... ... ... ... ... ... ... ... ... | 13 – 55 |
| **Mechanical Branch**... ... ... ... ... ... ... ... | 56— 97 |
| **Roads** ... ... ... ... ... ... ... ... ... | 98—131 |
| **Footpaths** ... ... ... ... ... ... ... ... | 132 –133 |
| **Tramways** ... ... ... ... ... ... ... ... | 134—137 |
| **Public Lighting** ... ... ... ... ... ... ... ... | 138—147 |
| **Private Building Construction (including set-backs.)**... | 148 –168 |
| **Repairs to Municipal Buildings, Plague Measures, House numbering, etc.** | 169 –174 |

## DISPOSAL OF TOWN SWEEPINGS.

### Kutchra Reclamation Works at Deonar.

3. The work of constructing a semi-permanent Chawl of 16 rooms for the unloading coolies, commenced last year, was completed during this year.

4. Permanent-way materials for the kutchra siding such as rails, sleepers, spikes, bolts, fish-plates, etc., were purchased at a cost of about Rs. 40,260.

5. The additional area reclaimed during the year was 10 acres bringing the total to 230 acres.

6. The right of cultivating the reclaimed land for the year ending 31st March 1923 was sold for Rs. 27,000 and that of fishing in the Khajan at Rs. 6,000.

7. There was only one accident during the year when an engine got derailed through the mistake of a G. I. P. Railway pointsman. No loss was done to any Municipal property.

8. No fire occurred in the kutchra reclamation during the year.

9. During the year under report, one kutchra train was run throughout the year, and an additional one was run for 6 months, *viz.*, from June to December 1922.

10. Engine detention charges at the rate of Rs. 5 per hour were paid almost throughout the year as the siding was too long to allow of the shunting operations being finished within the stipulated time of 30 minutes.

11. There were 9 deaths in the Camp consisting of 500 persons, but there was no epidemic of any kind. The Sub-Registrar of the Health Department visited the camp thrice a week and attended the sick, medicines were administered free to the staff at Municipal expense.

12. The Vernacular School established 16 years ago for the low caste children within the Municipal compound is progressing well, the daily attendance being about 40 pupils.

## DRAINAGE.

### Construction of Sewers, Drains and Public Conveniences.

13. The first, second, third and fourth sections of the ovoid sewer in connection with the duplication of the Tansa Main worked very satisfactorily during the year.

14. No further claims for the extension of the Low Level Channel No. II from DeLisle Road to Dadar Road through which the channel was constructed under the powers reserved to the Municipal Commissioner under Section 222 of the Municipal Act, were preferred during the year.

15. 22 works shown in the statement marked " A " were carried out by contracts.

*Works done by Contract during the year* 1922-23.

| Serial Nos. | Names of Works. | Names of Contractors as per S. C. Resolution No. | Contract amount. | Actual expenditure including establishment upto 31st March 1923. | Contract date of completion. | Actual date of completion. |
|---|---|---|---|---|---|---|
| | | | Rs. | Rs. a. p. | | |
| 1 | S. W. Drain in Kumbharwada Street between Grant Road and Sandhurst Road. | Messrs. Hussenally Harakhaji & Co., S. C. Resolution No. 67, 5th April 1922 | 26,214·26 | 27,616 11 3 | 30th June 1922. | 4th Aug. 1922. |
| 2 | Providing a S. W. drain with 15 full-sized water entrances in Dongri Street. | Mr. Jiwaji Kasamji, S. C. Resolution No. 11262, 29th March 1922. | 42,944·47 | 36,210 1 2 | 18th July 1922. | 11th Aug 1922. |
| 3 | Constructing a covered S. W. drain in Girgaum Back Road between Sandhurst Road and Lamington Road. | Mr. K. G. Kermani, S. C. Resolution No. 656, 26th April 1922. | 10,774·20 | 13,138 13 7 | 24th June 1922. | 10th June 1922. |
| 4 | Laying a 12" pipe S. W. Drain in Mazgaon Road between Babula Tank Road and Hancock Bridge. | Messrs. G. J. Huseinally & Co., S. C. Resolution No. 1065, 3rd May 1922. | 17,750·24 | 14,131 0 1 | 9th July 1922. | 9th July 1922. |
| 5 | Constructing a S. W. drain in Mugbhat Cross Lane. | Do. do. No. 1410, 17th May 1922. | 10,371·08 | 10,281 13 2 | 29th Dec. 1922. | 18th Dec. 1922. |
| 6 | Providing a covered S. W. drain in Mori Road between Lady Jamshedji Road and Tulsi Pipe Road. | Mr. K. J. Kermani, S. C. Resolution No. 11261, 29th March 1922. | 39,382·04 | 30,296 6 3 | 24th June 1922. | 31st May 1922. |
| 7 | Providing a covered masonry S. W. drain for 3rd Parsiwada Lane. | Messrs. Hooseinally Harakhaji & Co., S. C. No. 70, 5th April 1922. | 13,756·76 | 15,786 15 9 | 15th June 1922. | 19th July 1922. |
| 8 | Providing water entrances in Bellasis Road between Lamington Road and Ripon Road. | Messrs. G. J. Huseinally & Co., S. C. Resolution No. 655, 26th April 1922. | 13,966·36 | 12,228 11 10 | 9th Nov. 1922. | 5th Nov. 1922. |
| 9 | Providing S. W. drains in a portion of Ghorupdeo Road, Albert Road and Port Trust New Road. | Mr. K. J. Kermani, S. C. Resolution No. 6459, 25th October 1922. | 89,186·98 | 65,331 14 8 | 8th Feb. 1923. | 28th Jan. 1923. |
| 10 | Constructing covered S. W. drain in Albert Road and in a portion of Ghorupdeo Road. | Do. do. No. 7619, 29th November 1922. | 34,216·08 | 25,716 1 11 | 12th Feb. 1923. | 29th Jan. 1923 |
| •11 | Constructing a S. W. drain in the Low Level Road North of Frere Bridge West approach. | Mr. Rasulji Rajbhai, S. C. Resolution No. 7938, 6th December 1922. | 10,343·14 | 8,375 0 7 | 20th Jan. 1923. | 14th Jan. 1923. |
| 12 | Constructing a S. W. drain in Duncan Road between Grant Road and Bellasis Road. | Messrs. Pitha Fusa & Co., S. C. Resolution No. 7620, 29th November 1922. | 48,326·63 | 29,841 15 3 | 12th Mar. 1923. | 26th Mar. 1923.* |
| 13 | Ovoid Sewer from the junction of Elphinstone Road and Suparibag Road to the junction of Dadar Road and Naigaum Cross Road. | Messrs. Tata Construction Co., S. C. Resolution No. 6046, 11th October 1922. | 3,93,594·97 | 72,209 3 2 | 5th July 1923. | ......† |
| 14 | Ovoid Sewer from the junction of Dadar and Naigaum Cross Road to C. I. Trust East to West 100 feet Avenue. | Do. do. No. 6047, 11th October 1922. | 3,76,191·25 | 41,101 15 1 | Do. ... | ......† |
| 15 | Ovoid Sewer in DeLisle Road and Fergusson Road. | Do. do. No. 8168, 13th December 1922. | 2,70,719·20 | 39,513 15 7 | 4th July 1923. | ......† |

* Accounts are to be adjusted.

† Work is in progress.

| Serial Nos. | Name of Works. | Name of Contractors as per S. C. Resolution No. | Contract amount. | Actual expenditure including establishment upto 31st March 1923 | | | Contract date of completion. | Actual date of completion. |
|---|---|---|---|---|---|---|---|---|
| | | | Rs. | Rs. | a. | p. | | |
| 16 | S. W. drain and a 12″ pipe sewer in Palton Road. | Messrs. Krishnaji Chinoo & Sons, S. C. Resolution No. 8648, 3rd January 1923. | 18,822·95 | 8,627 | 1 | 0 | 17th Apl. 1923. | ......* |
| 17 | 12″ Pipe S. W. drain and a 9″ pipe sewer in the new roads A A A and C C C of Palton Road. | Messrs. Pitha Fusa & Co., S. C. Resolution No. 8648, 3rd January 1923. | 29,003·63 | 9,660 | 14 | 2 | 17th Apl. 1923. | ......* |
| 18 | Constructing a 12″ S. W. drain and four full sized water gullies in Mazgaon Road and Dockyard Road. | Messrs. G. J. Hooseinally and Co., S. C. Resolution No. 659, 26th April 1922. | 6,370·35 | 5,658 | 12 | 8 | 14th June 1922. | 9th June 1922. |
| 19 | Constructing a 12″ pipe S. W. drain in Maruti Lane. | Mr. K. G. Kermani, S. C. Resolution No. 658, 26th April 1922. | 5,323·41 | 5,223 | 7 | 2 | 9th June 1922. | 9th June 1922. |
| 20 | Constructing water gullies in Sankli Street. | Do do. S. C. Resolution No. 657, 26th April 1922. | 8,064·53 | 6,947 | 6 | 6 | Do. ... | 9th June 1922. |
| 21 | Constructing water gullies in Lamington Road between Bellasis Road and Club Road. | Messrs. G. J. Hooseinally and Co., S. C. Resolution No. 1062, 3rd May 1922. | 5,606·85 | 5 137 | 6 | 8 | 10th Oct. 1922. | 20th September 1922. |
| 22 | Constructing water gullies in Kazi Street. | Messrs. G. J. Hooseinally and Co., S. C. Resolution No. 1250, 10th May 1922. | 6,685·57 | 5,432 | 1 | 8 | 29th Nov. 1922. | 15th November 1922. |

* Work is nearing completion.

16. The following 13 works were carried out through the agency of the Petty Works Contractor, Mr. K. G. Kermani, at a total cost noted against each of them :—

| | Names of works. | Expenditure booked up to 31st March 1923. | | |
|---|---|---|---|---|
| | | Rs. | a. | p. |
| 1. | Providing five new pattern half-sized water entrances with necessary connections and removing two old pattern ones in Wari Bunder Road ... ... ... .. ... | 2,959 | 4 | 5 |
| 2. | Providing half-sized water entrances at Bhuleshwar Road from its junction with Kalkadevi Road upto its junction with Thakurdwar Road ... ... ... ... ... | 3,681 | 6 | 6 |
| 3. | Extending the existing S. W. covered drain in Girgaum Road and between Kelewady and Borbhat Lane... ... | 5,227 | 4 | 8 |
| 4. | Providing water entrances in Club Road ... ... ... | 3,376 | 1 | 11 |
| 5. | Extending the existing double barrel arched drain and providing a new parapet wall and a full-sized water entrance at Marine Lines ... ... ... ... ... ... | 2,363 | 3 | 5 |
| 6. | Providing two full-sized water entrances outside the compound of Mr. Cassinath's bungalow in Nepean Sea Road and lowering a portion of storm-water drain opposite the bungalow ... ... ... ... ... ... ... | 1,093 | 14 | 11 |
| 7. | Providing four full-sized water entrances near Bandstand ... | 2,624 | 9 | 11 |
| 8. | Constructing a short length of S. W. drain in Mughbhat Lane near its junction with Kandewady Lane ... ... | 3,472 | 1 | 5 |
| 9. | Diverting the open side drain in Nepean Sea Road ... | 2,676 | 6 | 10 |
| 10. | Providing an open road side drain in Doongersey Road ... | 3,265 | 5 | 7 |
| 11. | Providing a 9″ pipe S. W. drain in Jail Road North Cross Street ... ... ... ... ... ... ... | 1,986 | 1 | 7 |
| 12. | Providing a half-sized water entrance with 9″ S. W. pipe at the junction of 1st Sassoon Road and Sassoon Dock Cross Road, Colaba ... ... ... ... ... ... | 1,016 | 10 | 7 |
| 13. | Providing S. W. drain with 3 half-sized water entrances in Jetha Street ... ... ... ... ... .. | 2,087 | 3 | 6 |

17. Tenders were re-invited for the remaining portion of the work of providing a covered masonry S. W. drain from Culvert No. 9 (North of the Mahaluxmi Railway Station) to (*a*) S. W. drain in Haines Road and (*b*) a distance of 2,620 feet Northwards in the line of the water-course east of B. B. & C. I Railway lines, only two tenders were received, but as the rates quoted by even the lower tenderers were very high, the tenders were rejected. It has now been decided to carry out the work departmentally. It will be started after the monsoon.

18. Provision having been made under Loan Works Budget for constructing a storm-water drain in Mount Pleasant Road, tenders were invited for the work and only one tender was received, but as the rates were very high, it was rejected and the work has been taken in hand departmentally about the close of the year.

19. Provision having been made under New Works for the work of renewing the railing of the storm-water channel at Cleveland Bunder, the work was carried out departmentally during the year.

20. The total certified expenditure booked upto the 31st March 1923 amounted to Rs. 3,581-5-4.

21. 18 small drainage works were carried out through the agency of the Petty Works Contractor out of the grant of Rs. 18,000 provided in the Budget for Petty Drainage New Works.

22. The total certified expenditure upto the end of the year amounted to Rs. 15,200-15-6.

23. The work of providing 28 full-sized and 10 half-sized water entrances at Nagdevi Street was carried out departmentally out of the grant of Rs. 25,000 provided under New Works.

24. The total certified expenditure upto the end of the year amounted to Rs. 22,825-6-10.

## Alterations of Drains.

25. A further sum of Rs. 5,000 was provided for the work of replacement of S. W. pipes in the Colaba Sectional District by C. I. pipes. The work was taken in hand departmentally and completed during the year.

26. The total certified expenditure upto the end of the year amounted to Rs. 3,379-15-9.

## Maintenance of Drains.

27. No damage of any kind was done either to the sea walls or to the Biological Installation in connection with the Malabar Hill Sectional Sewerage Works during the last rains.

28. The large storm-water drains in Reay Road, Connaught Road, Parel Road and Suparibaug Road worked satisfactorily during the year.

29. There are about 122·35 miles of pipe sewers and the systematic cleaning of these sewers has been carried out throughout the fair season. Double disc and cleaning rods have been passed through 44·94 miles of these sewers and the silt removed therefrom amounted to 2,188·76 tons or 55,714 c. ft.

30. There are 14·7 miles of main ovoid sewer including the duplication. Scrapers were passed through 13·36 miles of these sewers, some portions of the sewers having been scraped more than once, and 456·73 tons or 11,626 c. ft. of silt were removed therefrom.

31. There are about 160·32 miles of storm-water drains out of which 21·75 miles were cleaned and 7,508·47 tons or 191,124·83 c. ft. of silt were removed therefrom.

32. An extra grant of Rs. 34,000 for cleaning the storm-water drains, water-courses and ovoid sewer was provided in the Budget for the year under report and the work of cleaning the large storm-water drains, water-courses and ovoid sewers was done at the following places :—

(*a*) Storm-water drains in Falkland Road, Argyle Road, Clive Road, Parel Road (Bhendi Bazar), and Abdul Rehman Street were cleaned at a total cost of Rs. 10,633-5-6;

(*b*) Water-courses were cleaned in Warden Road, Narayan Dabholkar Road, Anjirwady, Mazagaon, Arthur Road, Clerk Road, Naigaum Road, Currey Road, DeLisle Road, Elphinstone Road and Dharavi Road, at a total cost of Rs. 5,968-7-6;

(*c*) The work of cleaning ovoid sewer was carried out at a total cost of Rs. 4,243-14-6.

33. There are 32 catchpits on pipe-sewers and 9 on main sewers and the silt removed therefrom during the year amounted to 1,606·61 tons or 40,895.55 c. ft.

34. There are 430 underground flushing chambers to flush pipe sewers and 690 vent-shafts to ventilate the sewers.

35. The work of cleaning open main drain at Worli was carried out departmentally at a total cost of Rs. 4,721-2-6 out of the grant of Rs. 5,000 provided for the purpose, and the silt removed therefrom amounted to 63,576 c. ft.

36. The expenditure on the maintenance and upkeep of the open main drain and the low level channels amounted to Rs. 12,154-12-2 against the grant of Rs. 6,000 plus a further sum of Rs. 4,000 sanctioned under Corporation Resolution No. 7025, dated the 9th November 1922, in addition to the renewed grant of Rs 3,030.

37. The work of cleaning the Low Level Channel No. I from a point 1,200 feet north of Fergusson Road Culvert Northwards was completed during the year and the silt removed therefrom amounted to 38,400 c.ft.

38. The total expenditure upto the end of the year amounted to Rs. 3,839-8-0.

39. The work of constructing relieving arches for strengthening the old main drain at Falkland Road was carried out departmentally and completed during the year upto the limit of the funds provided in the Budget for 1922-23.

40. The total certified expenditure upto the end of the year amounted to Rs. 4,563-9-3.

41. A further sum of Rs. 8,500 having been provided, the work of repairing the banks and sides of the Low Level Channel between Cart track bridge and Worli Bridge was carried out departmentally.

42. The total certified expenditure upto the end of the year amounted to Rs. 8,053-8-2.

## Ejectors.

43. The new ejectors Nos. 3, 4 and 5 in the Colaba Sub-Districts worked satisfactorily.

## Latrines, Urinals and Night-Soil Depots.

44. The following works of constructing latrines and urinals were carried out through the agency of the Petty Works Contractors :—

(1) Constructing three seated through pattern urinal on full flushing system at Pinjrapole 1st Street ;

(2) Providing three seated through pattern urinal in Kumbharwada Street ;

(3) Providing one seated latrine with washing place near the four seated urinal in the garden at Elphinstone Circle ;

(4) Two seated through pattern urinal at Mumbadevi Road ;

(5) Providing one seated European water closet and one seated native and one seated urinal for the supervising staff at Dadar Stables ;

(6) Constructing four seated water carriage system latrine combined to the existing urinal at Sankli Street.

45. The work of providing two European pattern and two native pattern water-closets for the Maratha Hospital at Connaught Road was taken in hand departmentally and was in progress at the close of the year.

## Street and House Connections.

46. The street portions of the house drainage connection works in the City were carried out departmentally. During the year 285 sullage connections were made at a total cost of Rs. 22,247-6-4. These connections served 365 premises, all of which are drained on the closed drainage system.

47. In addition to the above 115 storm-water connections were made at a total cost of Rs. 6,999-5-9.

48. Several branch drains were laid for bringing certain undrained premises within 100 feet of the Municipal sewers as required by Section 231 of the Municipal Act.

49. About 60 estimates and 458 plans were prepared for the issue of notices under Sections 230 and 238 of the Municipal Act.

## Miscellaneous.

50. Works to the extent of Rs. 1,57,926 including repairs, alterations and cleaning of sewers and drains generally, making minor additions thereto and the drainage arrangements of the various health camps, etc., as also all new drainage works provided for in the Budget for 1922-23 were carried out during the year.

51. Out of these, works costing Rs. 64,503 were carried out departmentally and the rest were executed through the agency of the Petty Works Contractor.

52. Five manholes were provided over the existing storm water arched drain at Frere Road between Elphinstone Bridge Road and Malet Bunder, through the agency of the Petty Works Contractor.

53. A new type of improved concrete covers for water entrances was introduced eight years ago and it has proved satisfactory for the effectual closing of those entrances during the fair season and thus preventing the breeding of mosquitoes. The total numbers of such covers fixed during the year under report was as under, the cost having been met out of the miscellaneous grant :—

| Wards. | Nos. |
|---|---|
| A ... ... ... ... ... ... | 940 |
| B ... ... ... ... ... ... | 134 |
| C ... ... ... ... ... ... | 174 |
| D ... ... ... ... ... ... | 149 |
| E ... ... ... ... ... ... | 92 |
| F ... ... ... ... ... ... | 96 |
| G ... ... ... ... ... ... | 34 |
| | 1619 |

54. Other water entrances were covered over with closable gratings in C. I. frames, which are a further improvement on the above, and are now used for all new water entrances.

55. 2,259 notices were issued under different Sections of the Municipal Act against th owners of premises for remedying the defects in the drainage arrangements. 998 summonses were issued for not complying with the requisitions. Fines amounting to Rs. 3,233-7-0 were inflicted for non-compliance of the requisitions.

## MECHANICAL BRANCH.

### Municipal Workshops.

### 1922-23.

56. The total expenditure incurred during the year for works executed at the Municipal Workshops aggregated Rs. 6,64,742-6-10 as under :—

| | Rs. | a. | p. |
|---|---|---|---|
| For Departmental Works ... ... ... ... ... ... ... ... | 5,48,850 | 4 | 4 |
| For castings manufactured in the shops ... ... ... ... ... ... | 15,148 | 14 | 9 |
| *For Establishment, etc., Charges—* | | | |
| (*a*) Shop ... ... ... ... ... ... ... ... ... ... | 54,958 | 5 | 7 |
| (*b*) Office ... ... ... ... ... ... ... ... ... ... | 45,784 | 14 | 2 |
| Total ... | 6,64,742 | 6 | 10 |

57. The total amount of bills preferred by Workshops during the year 1922-23 aggregated Rs. 7,06,058-15-9 as under :—

| | Rs. | a. | p. |
|---|---|---|---|
| Amount chargeable on different jobs during the year ... ... ... ... | 7,03,739 | 4 | 1 |
| *Add*—Amount of incomplete jobs at the beginning of the year... ... ... ... | 11,970 | 1 | 8 |
| | 7,15,709 | 5 | 9 |
| *Deduct*—Amount of incomplete jobs at the end of the year 1922-23 ... ... | 9,650 | 6 | 0 |
| Total amount of bills preferred by Workshops during the year 1922-23 ... | 7,06,058 | 15 | 9 |

58. The working of the shops resulted in a profit of Rs. 39,387-14-9 as under :—

The actual charges are as follows :—

| | Rs. a. p. | Rs. a. p. |
|---|---|---|
| General working of the shops (Establishment, etc., charges) | 1,00,743 3 9 | |
| Purchase of Fire Engine Boiler Registry No. 2457 from C. F. B. ... | 500 0 0 | |
| Amount of supervision, etc., charges by charging fixed percentage of 25 per cent. on the cost of works executed at the Shops ... | | 1,39,085 6 0 |
| Profit on account of hire of pumping plant, etc., to private parties and for Departmental purposes ... | | 654 11 0 |
| Profit from sale of unserviceable etc., Stores... | | 891 1 6 |
| Net profit in the working of the shops ... | 39,387 14 9 | |
| Total ... | 1,40,631 2 6 | 1,40,631 2 6 |

59. In addition to the above-mentioned work the workshops have continued to keep in repair the Love Grove Pumping and Compressor Stations, Steam Rollers, Stone Crushing and Tar Mixing Plant, Fire Engines, Motor Refuse Wagons, Inspection Motor Cars, Motor Meat Vans for the Market Department, Refrigerator at the Arthur Crawford Markets and Air Compressor Stations at Arthur Road and Bhandarwada.

60. During the year the amount of work turned out from the shops shows a considerable increase.

61. The following comparative statement shows the turnover and profit during the last three years :—

| | 1920-21. | 1921-22. | 1922-23. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| Turnover ... | 6,00,463 | 7,20,815 | 6,64,742 |
| Profit ... | 37,524 | 46,173 | 39,387 |

62. As proposed in the previous report the Municipal (Brass) foundry is being extended to meet the increasing demand for castings on Municipal Workshops.

63. Steps were taken to acquire the land adjacent to the Municipal Workshops for extending them as indicated in the previous report. But the Acquisition proceedings were not completed at the close of the year.

## Love Grove Pumping and Compressor Stations.

### Love Grove Pumping Station.

64. The principal item of maintenance continues to be the replacement of parts attacked by corrosion for which no satisfactory remedy has yet been found out.

65. The engines have run a total of 27,881,638 revolutions compared with 21,692,782 in the preceding year.

66. During the year the Coal used at this Pumping Station was Welsh Coal. The total consumption was 7,317 tons 5 cwts.

67. The average cost of coal per ton was Rs. 35-3-6 against Rs. 29-8-6 in the previous year and Rs. 18-9-3 in the year 1920-21 for the Indian Coal supplied in those years.

68. As in former years it has been found necessary to renew all pump frames, conveyor and also screen and dredger chains.

69. The average height of sewage for the year in the detritus chamber was 3'-5" and the amount of detritus removed was 4,900 tons.

70. The total sewage pumped was 17,263,998,460 gallons, or an average of 47¼ million gallons per day.

### No. 1 Pumping Station.

71. It has now been decided to remove the existing pumps and boilers from this station and to instal as a temporary measure boilers and pumps which were originally purchased for the Tansa Completion Works and which will probably not be required for four or five years, *vide* C. R. No. 1326 of 10th May 1923. By that time the new pumping station for the Drainage Scheme will probably be constructed.

## Love Grove Compressor Station.

72. The amount of sewage to be disposed of is continually increasing but the necessary relief has been given to the Air Compressor Plant at Love Grove by two small Compressor Stations erected at Bhandarwada and Arthur Road respectively.

73. The coal consumed in the Compressor Station was 3,202 tons 15 cwts. against 4,137 tons 10 cwts. in the preceding year.

74. The combined number of revolutions run by Nos. 1 and 2 Compressors (large engines) was 57,852,349 and those run by Nos. 3 and 4 Compressors (small engines) amounted to 54,441,875 during the year under report against 46,822,225 and 59,232,196 respectively, during the previous year.

75. The necessary provision has been made in the Budget for the year 1923-24 for the erection of suitable quarters for the Officers and men at Love Grove.

## Storm-water Sluices.

76. All the small sluices have been maintained in a good condition.

77. The main water channel gates both at Love Grove and Cleveland Bunder required extensive repairs for which special provision was made in the Budget. It is proposed to dam up one of the arches at Cleveland Bunder and to fit in a gate which will facilitate the scouring of the S. W. channel which frequently becomes very foul owing to the discharge of effluents from Septic tanks into the S. W. channel.

78. The automatic sluice gates and spill weir erected between the S. W. channel and the Reservoir worked very successfully last year.

## Ejector Stations.

79. All the ejector stations in the City are now working at their maximum capacity and it would be difficult for them to deal with any more water than is now being brought into the City. This question was referred to the Drainage Experts and is now under the consideration of the Corporation.

80. An additional ejector has been purchased and will be installed at the junction of Arthur Road and DeLisle Road, whilst the ejectors Nos. 1 and 2 at this point are being removed to a new site opposite the Municipal Market at Fergusson Road. This alteration has been necessitated by the construction of a new overbridge at DeLisle Road by the G. I. P. Railway Company.

81. The new Compressor Station erected at Arthur Road has considerably relieved the surcharging of the sewers in that district.

82. Funds were sanctioned for the renewal of a portion of the rising main in Carroll Road and the work will be commenced immediately the pipes come to hand.

## Colaba Air Compressor Station.

83. The Steam plant at the station worked for 94 days and 5 hours and consumed 233 tons 1 cwt. of coal.

84. During the year the electric motor consumed 160,610 units at a total cost of Rs. 28,891-14-0. Our contract for the electric supply to this station will expire on 1st January 1925 from which date it is probable that we will have to pay a higher rate for current, the present one being ·85 anna per unit.

85. The revolutions of the Compressor engines were 51,384,596 against 51,668,863 in the previous year.

86. To relieve the existing machinery at Colaba a provision was made in the Budget to purchase one electrically-driven Air Compressor of a modern type to replace the old steam driven compressor. It is expected that the new plant will be put up before the next monsoon.

87. The five ejector stations attached to the Colaba Compressor Station gave very little trouble with the exception of the ejector at the Colaba point.

88. The total quantity of sewage pumped from the station is as follows :—

| | | | |
|---|---|---|---|
| Ejector No. 1 Colaba | ... ... ... | 162,119,500 | Gallons. |
| „ „ 2 „ | ... ... ... | 139,800,500 | „ |
| „ „ 3 „ | ... ... ... | 138,230,000 | „ |
| „ „ 4 „ | ... ... ... | 43,535,000 | „ |
| „ „ 5 „ | ... ... ... | 9,971,500 | „ |
| Total Gallons | ... | 493,656,500 | |

89. Trouble is still experienced at No. 5 ejector at Colaba point owing to the activities of the Development Department where a considerable amount of labour is employed. To remedy this a portion of the air main of this ejector is proposed to be renewed.

90. A considerable number of breakages continue to occur on the rising main from the Colaba Air Compressor Station to the Majestic Hotel. A major portion of this main is being renewed.

### Bhandarwada Air Compressor Station.

91. The Bhandarwada Air Compressor Station has been run successfully with very good results during the whole of the year and no trouble of any kind has been experienced in regard to it.

### Arthur Road Air Compressor Station.

92. This station was put into operation before the last monsoon and has proved of great value in preventing surcharging of sewers at Chinchpokli Station and has also relieved the main Air Compressor Station at Love Grove to a considerable extend.

### Inspection Motor Cars.

93. The Inspection motor cars which have been in continuous use throughout the year have given satisfactory service.

94. One new Berliet Car was purchased from the French Motor Car Company to take the place of the old Berliet Car No. 1676. This car also has given satisfaction.

95. One Vulcan Car and one Ford Car now in use have passed their useful life and will probably have to be replaced during the year 1923-24.

### Inspection of Factories and Workshops.

96. A more complete inspection of workshops and factories coming within the purview of the Municipal Act was carried out. The number of cases inspected and permits granted was 311.

97. About 254 complaints were received during the year and were attended to. These complaints referred chiefly to smoke and other nuisance arising from small foundries, smiths' shops, etc. The particulars of the cases dealt with are given below :—

| Ward. | New permits granted. | Small foundries. | Blacksmith's shops. | Nuisance. | Working without permit or license. |
|---|---|---|---|---|---|
| A | 28 | *Nil.* | 3 | 2 | 4 |
| B | 20 | 25 | 22 | *Nil.* | 1 |
| C | 50 | 36 | 38 | 8 | 12 |
| D | 56 | 4 | 18 | 5 | 10 |
| E | 107 | 17 | 21 | 5 | 4 |
| F | 20 | 5 | 7 | 1 | *Nil.* |
| G | 30 | 5 | *Nil.* | *Nil.* | 1 |

# ROADS.

## MUNICIPAL QUARRIES.

### Nowroji Hill Quarry.

98. The total quantity of rubble obtained during the year was 242,633 c. ft. and that issued to the Road Department in the form of chips, etc., 251,602 c. ft.

99. The quarrying work was completed and the quarry was vacated in January, the Crusher being erected on another site obtained from the Improvement Trust.

### Sewri Quarry.

100. The total quantity of rubble obtained during the year was 369,336 c. ft. and that issued to the Road Department in the form of chips, etc., 327,204 c. ft.

### Improvement of Private Streets.

101. Action under Section 305 of the Municipal Act was taken in respect of 37 private streets but no substantial progress could be made for want of funds. At the close of the year a provision of Rupees Five Lakhs was made available from Loan Funds for financing these works and works are being pushed through as quickly as possible.

102. The following streets were declared public under Section 306 of the Municipal Act :—

| Name of the Street. | Area in sq. yards. |
|---|---|
| Mahomedan Street ... ... ... ... ... ... ... ... | 1,462 |
| Akalkote Lanes Nos. 1, 2 and 3 off Kandewadi ... ... ... | 675 |
| Private street off Gowalia Tank Road ... ... ... ... ... | 1,658 |
| Private street off Forjett Street ... ... ... ... ... ... | 1,528 |
| Private street between Sandhurst Road and Girgaum Back Road ... | 436 |

103. In addition to these the following roads were taken over from the City Improvement Trust :—

| | | Area in sq. yds. |
|---|---|---|
| 1. | Cross Road No. 1 at Clerk Road, Scheme No. 32 ... | 2,501 |
| 2. | Cross Road No. 2 at Clerk Road, Scheme No. 32 ... | 3,422 |
| 3. | Footpaths along the junction of Dongri Street, Janjiker Street and Essaji Street ... ... ... ... ... | 498 |

104. Steps are being taken to recover from the houseowners the amounts of their shares of the cost of the works done on their behalf.

### Street widening consequent upon adding set-backs.

105. About 5,984 square yards were added to the roads in the different wards as set-backs at a cost of Rs. 48,489-14-6 exclusive of the cost of the acquisition of the land.

106. The following statement gives the expenditure on repairs and maintenance of roads in the City :—

| Kind of work. | Area in sq. ft. | Amount. Rs. | a. | p. |
|---|---|---|---|---|
| Full metalling ... ... ... ... ... | 32,21,387 | 6,17,965 | 0 | 0 |
| Resurfacing ... .. ... ... ... | 12,36,720 | 85,800 | 13 | 3 |
| Patching ... ... ... ... ... ... | 68,83,853 | 3,72,986 | 12 | 7 |
| Maintenance of footpaths ... ... ... ... | ...... | 21,901 | 11 | 1 |
| Maintenance of roadside trees ... ... ... | ...... | 20,726 | 10 | 11 |

107. The cost of repairing water bound roads worked out to Rs. 19-2-10 per 100 sq. ft. or annas 3 and pie 1 per sq. foot, as against Rs. 21-13-4 or annas 3 and pies 6 of the last year.

108. The supply of materials and transport was satisfactory.

109. In addition to the works done departmentally the following roads were repaired through contractors :—

| Name of road. | Area in sq. ft. | Cost. Rs. | a. | p. | Contractor. |
|---|---|---|---|---|---|
| Apollo Street ... ... ... | 87,000 | 18,269 | 12 | 0 | Mr. Enus Kondaji. |
| Abdul Rehman Street ... | 79,171 | 16,626 | 0 | 2 | do. |
| Khetwadi Main Road... ... | 74,980 | 17,245 | 6 | 5 | Mr. Rasulji Rajbhoy. |
| Ripon Road .. ... ... | 91,807 | 17,787 | 9 | 9 | do. |
| Bellasis Road ... ... ... | 50,624 | 9,808 | 7 | 0 | do. |
| Jackeria Bunder Road ... | 40,223 | 5,472 | 11 | 5 | Mr. K. G. Kermani. |
| New Purbhadevi Road ... | 97,554* | 46,654 | 14 | 0 | „ Enus Kondaji. |
| Total ... | 521,359 sq. ft. | | | | |

* Out of this area, 14,493 c. ft. was laid with 10″ rubble bottoming.

## Motor Transport.

110. In addition to the 17 motor lorries in charge of the Road Branch 4 new steel-bodied Leyland lorries were purchased from Messrs. A. Hyland and Company at a cost of Rs. 65,479-4-5. These were purchased specially for carrying hot asphalt mixture from the Plant to the works.

Two lorries were constantly working for the Market Department during the year.

## Steam Rollers.

111. The Department has a fleet of 43 Steam Rollers of different tonnage out of which 4 are working on new roads in charge of the Deputy Engineer, Works. Some of the rollers, especially the lighter ones are very old and have passed their useful life. It is therefore intended to scrap some of them and purchase new ones in their stead.

112. The Corporation under their Resolution No. 806 of 27th April 1922 have sanctioned an advance of Rs. 2,44,000 for the purchase of 6 motor lorries and 4 road rollers out of which 4 Leyland lorries and one 8-ton Tandem Roller for asphalt roads have already been purchased at a cost of Rs. 65,479-4-5 and Rs. 18,101 respectively and put into commission.

113. An order for the purchase of the following machinery has been given :—

2, 7-ton Tandem Rollers at Rs. 15,440 each from Messrs. Turner Hoare and Company.

1, 15-ton single cylinder roller at Rs. 14,565 from Messrs. John Fowler and Company.

1, 10-ton single cylinder roller fitted with tar spraying apparatus, revolving brush and gritting machine at Rs. 22,305 from Messrs. John Fowler and Company. (Payment for the Tar Spraying apparatus and gritting machine is not to be made till the end of one season's satisfactory service).

## Special Methods of Road Construction.

114. The work of laying set-stone pavement on 9″ cement concrete foundations was continued along Frere Road, Dongri Street and Musjid Bridge, and the following portions were laid during the year by different contractors:—

| Name of the Road. | Name of the Contractor. | Area laid in sq. ft. | Cost. | | |
|---|---|---|---|---|---|
| | | | Rs. | a. | p. |
| 1. Frere Road from Carnac Bridge northwards up to Elphinstone Bridge Road (west side). | Messrs. Rawji Sojpal & Co. | 80,682 | 2,02,527 | 12 | 3 |
| 2. Frere Road from the last section to the junction of Wari Bunder and Reay Road. | Mr. Rasulji Rajbhoy ... | 186,249 | 4,60,385 | 7 | 0 |
| 3. Dongri Street from Janjikar Street to Chinch Bunder Road. | Messrs. The Tata Construction Co. | 74,357 | 1,87,314 | 4 | 6 |
| Musjid Bridge ... ... | Messrs. Vaghmare & Co. | 32,584 | 73,772 | 7 | 9 |

115. Similar pavement is to be extended along Reay Road from Wari Bunder Road Junction as far as the Victoria Road Overbridge which is one of the heavy trafficked roads, and condition of which becomes very bad in spite of constant repairs. The Tramway Company has already laid its tracks along this road with this method of construction. The work has been let by contract to Mr. Enus Kondaji.

## Asphalt Roads.

116. The Corporation under their Resolution No. 3081, dated the 11th July 1921 which was subsequently modified by Resolutions Nos. 6160 of 12th October 1922, and 7552 of 20th November 1922, gave approval to the following roads being made with 3" sheet asphalt on concrete foundations.

| | Area in sq. yds. |
|---|---|
| 1. Hornby Road from Crawford Market to Victoria Terminus Tramway Shelter (east side) ... ... ... ...<br>2. Hornby Road from the Tramway Shelter to Ghoga Street... | 26,048 |
| 3. Frere Road from Fort Street to Ballard Road ... ... | 5,348 |
| 4. Cruickshank Road ... ... ... ... ... ... | 11,833 |
| 5. Dhobi Talao square ... ... ... ... ... ... | 6,210 |
| 6. Hornby Villard (without concrete foundations). ... ... | 3,078 |
| 7. Bhendi Bazar from Sandhurst Road to Abdul Rehman Street ... ... ... ... ... ... ... | 5,872 |
| 8. Portion of Kalbadevi Road from Abdul Rehman Street to Old Hanuman Lane ... ... ... ... ... | 9,611 |
| Total ... | 68,000 sq. yards. |

117. The work was let to Messrs. McKenzies, Ltd., by contract and the total area laid up to the close of the year was 53,450 square yards and the total expenditure booked for laying bituminous road surfaces and that of concrete foundations was Rs. 8,59,061 and Rs. 4,23,243 respectively.

118 In addition to these roads in the latter part of the year sufficient area of concrete foundations were not ready to be laid with asphalt and in order that the plant might not be stopped, a portion of Lamington Road between Falkland Road and Bellasis Road comprising an area of 7,042 square yards was laid with 2" asphaltic concrete on the existing surface as an experiment. Similarly 2½" of sheet asphalt on the existing surface was laid on two portions of Walkeshwar Road (1) from Siri Road up to the bottom of the hill and (2) between Tyab Mansion and the lower gate of the Government House, comprising an area of approximately 7,000 square yards. The work on this latter road was not finished at the close of the year.

119. In order to carry out the asphalt work more expeditiously the following machinery was purchased from the Barbar Asphalt Company of Philadelphia :—

| | | Rs. |
|---|---|---|
| 1 | 8-ton Tandem Roller ... ... ... ... ... | 18,101 |
| 1 | Duplicate Melting Kettle ... ... ... ... .. | 11,203 |
| 1 | Fire Wagon ... ... ... ... ... ... | 1,109 |
| 1 | Surface heater ... ... ... ... ... ... | 1,261 |
| 6 | Asphalt rakes, etc. ... ... ... ... ... | 1,262 |

120. The results achieved so far are very satisfactory and supports the view that the continuance of the policy of this method of road construction for a succession of years will bring the roads in the City to a condition in which they will respond efficiently to the demands of modern traffic. To enable this being done without placing an increased strain on our revenue resources a proposal was submitted to the Corporation outlining a policy for financing Municipal road expenditure. This scheme was approved by the Corporation under their Resolution No. 11193 of 22nd March 1923. In accordance with this scheme roads are selected for different methods of construction according to their importance and the nature and volume of traffic passing over them. Such roads are classed as "Capital Roads" and the cost of their construction is to be met from Loan Funds. A provision of Rs. 37 lakhs has accordingly been made in the Loan Works Budget for the year 1923-24. A detailed programme for utilizing this provision has been submitted to the Corporation and has been awaiting their approval.

## Road Excavation.

121. The following lengths of roads were opened by various agencies :—

| | | R. ft. |
|---|---|---|
| 1. | Water Department ... ... ... ... ... | 41,834 |
| 2. | Drainage Department ... ... ... ... ... | 68,293 |
| 3. | Bombay Electric Supply and Tramways Company ... | 60,864 |
| 4. | Bombay Telephone Company ... ... ... ... | 4,481 |
| 5. | Bombay Gas Company ... ... ... ... ... | 33,420 |
| 6. | Government Telegraph Department ... ... ... | 14,363 |
| 7. | Tata Hydro-Electric Power Supply Company ... ... | 3,425 |
| 8. | Callender's Cable and Construction Company ... ... | 2,212 |
| 9. | Andhra Valley Power Supply Co. ... ... ... | 34,722 |
| 10. | Miscellaneous ... ... ... ... ... ... | 19,942 |
| | Total ... | 2,82,556 |

122. This is equivalent to 53½ miles out of the total of 179 miles of roads in the City.

123. The total cost of repairing these excavations amounted to Rs. 5,92,425-5-0.

## Road Watering.

124. The provision for road watering made in the budget, *viz.*, Rs. 1,42,000 being found insufficient to water the roads efficiently an extra grant of Rs. 40,550 was obtained for the purpose. The total expenditure on road watering amounted to Rs. 1,77,873.

125. 42 S. P. hydrants and 73 N. P. hydrants were provided on some of the roads.

## Road Materials.

126. Statement showing the total quantity of road materials purchased during the year 1921-22 from the Municipal Contractors and their costs.

| Description of materials. | Quantity in C.ft. | Rate per 100 C.ft | | | Cost. | | | Remarks. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | | | 4 | | | 5 |
| | | Rs. | a. | p. | Rs. | a. | p. | |
| Metal 2¼″ ... | 1,472,989 | 21 | 14 | 0 | 3,21,158 | 12 | 8 | For A to D Wards, quantity 908,962 c. ft. |
| | | 21 | 11 | 0 | | | | „ E to G „ „ 564,027 „ |
| „ 1¾″ ... | 137,822 | 26 | 0 | 0 | 35,833 | 11 | 6 | For A to D Wards. |
| „ 1¼″ ... | 4,306 | 43 | 0 | 0 | 1,851 | 9 | 3 | For E Ward. |
| Sand ... ... | 298,213 | 24 | 8 | 0 | 73,062 | 2 | 11 | Sand supplied by Messrs. N. Purushottum and Co. |
| | 26,461 | 24 | 0 | 0 | 6,350 | 10 | 8 | Sand supplied by Messrs. McKenzies, Ltd., on account of Municipal Contractors. |
| Red Hill Earth ... | 2,641 | 20 | 0 | 0 | 495 | 3 | 1 | |
| Total ... | 1,942,432 | | | | 4,58,752 | 1 | 8 | |

## DUST PREVENTIVE MEASURES.

### Tarring of Roads.

127. A number of roads comprising an area of 2,997,128 s. ft. were tar painted or re-painted during the year. Roads comprising an area of 213,314 s. ft. were treated with tar macadam and an area of 122,245 s. ft. which includes areas of tram tracks along Sandhurst Road and Hornby Road repaired at the cost of the Bombay Electric Supply and Tramways Company was tar grouted. In addition to this roads laid with tar macadam during the previous years were patched wherever necessary. The area so repaired was 229,345 s. ft.

128. The expenditure on tarring roads amounted to Rs. 5,86,232 inclusive of the cost of tar. The quantity of tar purchased from the Bombay Gas Company was 1,77,485 gallons at the rate of Rs. 5-8-0 per cwt. (10 gallons). In addition to this tar 43,060 gallons of tar were purchased from England through the firm of Messrs. Sir John Wolfe Barry and Partners, London, at the rate of 13½*d.* a gallon. The price of this tar delivered Bombay worked out to Rs. 11-11-0 per cwt.

129. The Tar Mixing Machines were working satisfactorily throughout the year.

130. 174 new trees were planted on Cadell Road (Extension) and 34 trees were planted on Nesbit Road (Extension). In addition to this about 450 new trees were planted on old roads to replace dead ones.

## Hanging Gardens.

131. Further laying out of the Gardens was in progress but as there was no special provision in the budget for construction work no substantial progress could be made.

## Footpaths.

132. New footpaths were paved at the following roads:—

| | | | | |
|---|---|---|---|---|
| (1) | A Ward. | ... Wodehouse Road (Tar macadamised) ... | 12,600 | s. ft. |
| (2) | B ,, | ... Frere Road ... ... ... ... | 14,880 | ,, |
| (3) | D ,, | ... Lamington Road ... ... ... ... | 6,056 | ,, |
| (4) | D ,, | ... Girgaum Road (east side) ... ... | 16,550 | ,, |
| (5) | D ,, | ... Do. (west side) ... ... | 9,655 | ,, |
| (6) | D ,, | ... Frere Bridge (north side)... ... ... | 1,199 | ,, |
| (7) | D ,, | ... Do. (south side) ... ... | 5,789 | ,, |
| (8) | E ,, | ... Nesbit Road ... ... ... ... | 9,449 | ,, |
| (9) | E ,, | ... Clerk Road ... ... ... ... | 12,243 | ,, |
| (10) | E ,, | ... Sankli Street ... ... ... ... | 15,997 | ,, |

133. The work for Item Nos. 2 to 6 and 8 to 10 was carried out by contract through Mr. Enus Kondaji at a cost of Rs. 66,186-9-4, seventh item was carried out by Mr. K. M. Worlikar at a cost of Rs. 4,752-5-7 and the first item was carried out departmentally.

## Tramways.

134. In accordance with the Corporation Resolution No. 4313, dated the 7th October 1915, the following information regarding the rolling stock has been obtained from the Bombay Electric Supply and Tramways Company for the year under report:—

| | | | |
|---|---|---|---|
| 9 | Bogie cars carrying. ... ... ... | 56 | passengers each. |
| 56 | Bogie trains ,, ... ... ... | 94 | ,, ,, |
| 22 | ,, ,, ,, ... ... ... | 102 | ,, ,, |
| 9 | ,, ,, ,, ... ... ... | 98 | ,, ,, |
| 1 | ,, ,, ,, ... ... ... | 106 | ,, ,, |
| 9 | Double deck bogies carrying ... | 104 | ,, ,, |
| 1 | ,, ,, ,, ... | 108 | ,, ,, |
| 1 | ,, ,, ,, ... | 100 | ,, ,, |
| 26 | Single trucks ... ... ... ... | 32 | ,, ,, |
| 6 | Double deck single trucks with trailers carrying ... ... ... ... | 101 | ,, ,, |
| 42 | Trains carrying ... ... ... | 70 | ,, ,, |
| 97 | ,, ,, ... ... ... ... | 78 | ,, ,, |
| 279 | Units carrying a total of ... ... | 22,088 | passengers. |

135. No extensions to tram tracks were carried out during the year under report.

136. At a conference held between the Managing Engineer of the Bombay Electric Supply and Tramways Company and the Municipal Commissioner and the Executive Engineer to discuss the question outstanding between the Tramways Company and the Municipality as to alterations to the tram tracks and their surface treatment contingent on Municipal works, the following working arrangement was agreed to:—

(*a*) That in the case of the existing tracks where the Municipality alters the form of construction of its portion of road and entails substantial alterations in the alignment of levels of the tramway tracks, it should also be responsible for the initial cost of altering the construction of that portion of the road for which the Tramway Company is responsible, but should not be responsible for the cost of subsequent upkeep, which upkeep should be done at the expense of the Tramways Company by methods suitable to preserve the roadway in its new condition, *i e.,* methods similar to those employed by the Municipality for the upkeep of their portion of the road.

(*b*) When the Municipality alters the form of construction of its portion of the road in such a manner as not to necessitate any substantial alterations in the alignment or levels of the tramway tracks, the Municipality should be responsible for the initial cost of altering the construction of that portion of the road for which the Tramway Company is responsible only in respect of the 18" margin on each side of the outer rails and the Company should be responsible for the initial cost of remaking the portion of the road occupied by the tracks and the clear way in a manner similar to that adopted by the Municipality for the rest of the road, and should also remain responsible as at present for the cost of subsequent upkeep. The arrangement described in this para. shall not include cases where special forms of construction such as stone setts or wood blocks paving are proposed to be adopted.

(*c*) It was also agreed that it would be better if the 18" margin which the Tramway Company is bound to maintain, be repaired and maintained in all cases by the Municipal roads staff, the Company paying the cost of such maintenance.

137. This arrangement was approved *inter alia* by the Corporation under their Resolution No. 11156, dated 23rd March 1922.

## Public Lighting.

138. The total number of gas burners in the City at the end of February 1923 was 7,393 as per attached statement. It shows an increase of 71 burners over last year's number. Of these 59 were low pressure and 12 high pressure burners. The total expenditure on gas lighting amounted to Rs. 5,95,024-5-8.

139. The number of electric lamps was the same as that during the last year *viz.,* 16, 1,000-C.P. lamps, 21, 500-C.P. lamps and 22, 200-C.P. lamps. The expenditure booked on these was Rs. 7,468-3-3.

140. The total number of ordinary kerosene oil lamps at the end of February 1923 was 664. This shows a decrease of 8 lamps over the last year's number and is made up as shown below :—

# PUBLIC LIGHTING.

## I.—Gas Lamps.

### Gas Lighting.

141. Statemen showing the number of low pressure and high pressure gas burners in the City and their distribution ward by ward.

| Wards. | Low Pressure Gas Burners. | | | | | | | | | | High Pressure Gas Burners. | | | | | | | | Grand Total. (High Pressure and Low Pressure). |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Number of burners in single burner lamps. | Number of burners in double burner lamps. | Number of burners in triple burner lamps. | Number of burners in quadruple burner lamps. | Total. | Number of burners in single burner lamps. | Number of burners in double burner lamps. | Number of burners in triple burner lamps. | Total. | Total low pressure burners 'C' & Bombay. | Burners in 300 C. P. (one burner) whole night. | Burners in 500 C. P. (one burner) whole night. | Burners in 1,000 C. P. (two burners) one burner after midnight. | Burners in 1,500 C. P. (one burner) to burn up to midnight. | Burners in 1,500 C. P. (3 burners) one burner after midnight. | Burners in 1,800 C. P. (6 burners) whole night. | Burners in 3,000 C. P. (3 burners) one burner after midnight. | Total. | |
| A ... ... ... | 629 | 13 | 13 | 28 | 681 | 498 | 238 | 33 | 769 | 1,450 | 8 | 8 | 34 | ... | 114 | 6 | 3 | 173 | 1,623 |
| B ... ... ... | 699 | ... | ... | ... | 699 | ... | 106 | 6 | 112 | 811 | ... | 26 | ... | ... | ... | ... | ... | 26 | 837 |
| C ... ... ... | 695 | ... | ... | ... | 695 | 37 | 118 | 51 | 206 | 901 | ... | ... | ... | ... | ... | ... | ... | ... | 901 |
| D ... ... ... | 808 | ... | ... | ... | 808 | 190 | 74 | 63 | 337 | 1,145 | 2 | 6 | 22 | 14 | 57 | ... | 3 | 104 | 1,249 |
| E ... ... ... | 1,159 | 8 | 3 | ... | 1,170 | 131 | 176 | 15 | 322 | 1,492 | ... | ... | ... | ... | ... | ... | ... | ... | 1,492 |
| F ... ... ... | 280 | ... | ... | ... | 280 | 57 | 50 | 42 | 149 | 429 | ... | ... | ... | ... | ... | ... | ... | ... | 429 |
| G ... ... ... | 352 | ... | ... | ... | 352 | 39 | 456 | 15 | 510 | 862 | ... | ... | ... | ... | ... | ... | ... | ... | 862 |
| Total ... | 4,622 | 20 | 15 | 28 | 4,685 | 953 | 1,218 | 225 | 2,403 | 7,090 | 10 | 40 | 56 | 14 | 171 | 6 | 6 | 303 | 7,393 |

In this total 10 burners have been added for the 10-Lt. Lamp at Gibbs Road, which is of the low pressure high power type.

These have got two 300 C. P. subsidiary lamps each to burn after midnight.
These have got two 500 C. P. subsidiary lamps to burn after midnight.

56 displaced by gas and electric lamps in B and D Wards.
3 removed from Kolbhat Wadi on account of Improvement Trust operations.

59 against 51 newly put up in F and G Wards.

142. The total cost of kerosene oil lighting amounted to Rs. 30,680, which gives a rate of Rs. 46-3-0 per lamp per annum.

143. The number of incandescent "Aladdin" lamps was the same as in last year, *viz.*, 164. The total expenditure on the maintenance of these amounted to Rs. 73,109. The lighting and maintaining of these lamps was carried out by Messrs. S. Bannister and Company, under contract.

144. Last year the Corporation accorded sanction to a scheme of improving the lighting of residential roads of 40 feet width and under, by converting the present 60 C. P. vertical gas burner lamps into 80 C. P. inverted ones. Out of the 3,000 lamps to be thus converted, 1,500 were taken in hand in the year under review. About 300 have been installed so far and the balance will be finished in about three months. The expenditure on this is estimated at Rs. 66,000.

145. For adoption on traffic bearing roads of widths of 60 feet and above, a new type of gas lamp known as low pressure high candle power lamp was tried during the year under review and it being found to be both economical and efficient, indents were placed for 62 of these lamps of candle power varying from 400 to 1,440 in last October. Of these 26 are proposed to be installed on Wodehouse Road, from Ormiston Road to Colaba Station, 10 on Frere Bridge, 3 at the junction of Dadar Road and Lady Jamsetji Road, 1 near the entrance of Sir P. M. Mehta Garden and the remaining on 32 important junctions in place of the present low candle power refuge-lamps Some of these lamps have already arrived and the others are expected shortly. The expenditure on this is estimated at Rs. 23,000.

146. In addition to the 32 junctions mentioned above, the Corporation approved in September 1922, of a scheme for providing electric lamps of from 250 to 1,000 candle power at 47 important junctions in the City. The necessary lamps and fittings for these have just arrived and the installation work is in progress. The expenditure on this is estimated at Rs. 35,000.

147. During the year under review, negotiations were opened with the B. E. S. and Tramways Company, for providing electric lamps of high candle power on four important arterial roads in the City, *viz.*, Sandhurst Road, Grant Road, Kalbadevi Road and a portion of Bhendy Bazar Road. At the close of the year, a definite scheme was drawn and placed before the Standing Committee for consideration. The expenditure on this is estimated at Rs. 53,000.

## PRIVATE BUILDING CONSTRUCTION.

*(Including set-backs.)*

148. The number of applications received under Section 337 for the erection of new buildings and under Section 342 for alterations to existing buildings, during the year under report, as compared with those received during the preceding four years is as follows :—

| Year. | Under Section 337. | Under Section 342. | Total number of buildings dealt with. | Total number of applications. |
|---|---|---|---|---|
| 1918-19 ... ... ... | 668 | 601 | 1,269 | 2,668 |
| 1919-20 ... ... ... | 1,055 | 692 | 1,747 | 3,556 |
| 1920-21 ... ... ... | 1,021 | 601 | 1,622 | 3,287 |
| 1921-22 ... ... ... | 935 | 592 | 1,527 | 3,211 |
| 1922-23 ... ... ... | 891 | 597 | 1,488 | 3,294 |

149. Two or more modified proposals are generally received in connection with one and the same building; hence the difference between the figures in the last two columns of the above table.

150. The majority of the plans received were conditionally approved.

### *Set-backs.*

151. The following is a comparative statement of the amounts expended on set-backs from 1904-05 to 1922-23:—

| Year. | Paid from Capital. | | | Paid from Revenue. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| 1904-05 ... ... ... | ... ..... | | | 1,48,751 | 15 | 5 | 1,48,751 | 15 | 5 |
| 1905-06 ... ... ... | 79,736 | 0 | 2 | 1,57,747 | 15 | 7 | 2,37,483 | 15 | 9 |
| 1906-07 ... ... ... | 1,90,118 | 7 | 11 | 1,18,347 | 2 | 8 | 3,08,465 | 10 | 7 |
| 1907-08 ... ... ... | 1,53,791 | 11 | 10 | 1,00,000 | 0 | 0 | 2,53,791 | 11 | 10 |
| 1908-09 ... ... ... | 3,98,183 | 1 | 5 | 1,00,000 | 0 | 0 | 4,98,183 | 1 | 5 |
| 1909-10 ... ... ... | 2,92,501 | 2 | 2 | 1,00,000 | 0 | 0 | 3,92,501 | 2 | 2 |
| 1910-11 ... ... ... | 1,54,672 | 1 | 10 | 1,00,000 | 0 | 0 | 2,54,672 | 1 | 10 |
| 1911-12 ... ... ... | 2,41,054 | 1 | 2 | 1,11,313 | 0 | 0 | 3,52,367 | 1 | 2 |
| 1912-13 ... ... ... | 2,10,729 | 9 | 1 | 1,14,894 | 0 | 0 | 3,25,623 | 9 | 1 |
| 1913-14 ... ... ... | 2,21,745 | 13 | 7 | 1,01,663 | 1 | 9 | 3,23,408 | 15 | 4 |
| 1914-15 ... ... ... | 4,34,918 | 10 | 5 | 1,09,199 | 10 | 1 | 5,44,118 | 4 | 6 |
| 1915-16 ... ... ... | *6,03,819 | 0 | 4 | 1,05,684 | 8 | 1 | 7,09,503 | 8 | 5 |
| 1916-17 ... ... ... | 96,173 | 3 | 11 | 1,22,699 | 8 | 2 | 2,18,872 | 12 | 1 |
| 1917-18 ... ... ... | 19,277 | 8 | 8 | 1,59,595 | 15 | 3 | 1,78,873 | 7 | 11 |
| 1918-19 ... ... ... | 2,05,566 | 2 | 1 | 1,46,561 | 3 | 5 | 3,52,127 | 5 | 6 |
| 1919-20 ... ... ... | 2,90,531 | 5 | 11 | 1,28,517 | 15 | 6 | 4,19,049 | 5 | 5 |
| 1920-21 ... ... ... | 1,51,295 | 12 | 9 | 1,04,158 | 0 | 9 | 2,55,453 | 13 | 6 |
| 1921-22 ... ... ... | 3,17,488 | 10 | 10 | 1,93,059 | 0 | 1 | 5,10,547 | 10 | 11 |
| 1922-23 ... ... ... | 3,99,887 | 12 | 4 | 1,00,083 | 11 | 11 | 4,99,971 | 8 | 3 |

*Inclusive of Rs. 3,57,682-2-3 on account of the unadjusted charges for 1915-16 and previous years.

152. The liability outstanding for land sanctioned to be acquired for set-backs amounted to Rs. 17,87,680-4-10.

153. Proposals were submitted for changing the regular lines of the following streets:—

1. Khetwady 14th Lane from Khetwadi Main Road to Khetwady Back Road.
2. Shamshet Street from Sheik Memon Street to Abdul Rehman Street.
3. At the junction of Harkness Road and Ridge Road.
4. Lady Jamshedji Road between the Bombay Woollen Mills and Dadar Road.
5. At the junction of Bapu Khote Street and Banian Road.
6. Ghogari Mohulla from Banian Street to Erskine Road.

154. During the year under Report, regular lines of the following roads were first time prescribed:—

1. Road between Morland Road and Ripon Road.
2. Ripon Road north of Parsee Statue.

155. The work of marking the regular lines of the streets and recording other information relating thereto on the New land Survey Sheets continues.

## Enforcement of Building Regulations.

156. 1,516 Summonses were issued against house-owners under various Sections of the Municipal Act with the result shown in the following statement :—

| Sections of the Municipal Act. | Number of prosecutions. | Number of cases withdrawn on compliance with the requirements. | Number of cases in which parties were warned and discharged. | Number of convictions. | Number of postponements falling during the year 1923-24. | Fines. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Rs. | a. | p. |
| 297 (3) | 17 | 2 | 5 | 9 | 1 | 220 | 0 | 0 |
| 308 | 85 | 26 | 18 | 36 | 5 | 509 | 0 | 0 |
| 311 | 3 | 1 | .... | 2 | .... | 30 | 0 | 0 |
| 312 | 5 | .... | 3 | 2 | .... | 20 | 0 | 0 |
| 322 | 25 | 16 | 6 | 3 | .... | 65 | 0 | 0 |
| 326 | 77 | 50 | 15 | 11 | 1 | 167 | 0 | 0 |
| 328 A (1) | 11 | 1 | 10 | .. | .... | .... | | |
| 337 | 231 | 52 | 85 | 88 | 6 | 1,563 | 0 | 0 |
| 342 | 161 | 57 | 33 | 63 | 8 | 1,310 | 0 | 0 |
| 347 A | 8 | 3 | 4 | 1 | .... | 15 | 0 | 0 |
| 349 | 24 | 6 | 7 | 9 | 2 | 120 | 0 | 0 |
| 349 B | 3 | 2 | .... | 1 | .... | 25 | 0 | 0 |
| 349 D | 69 | 44 | 1 | 21 | 3 | 660 | 0 | 0 |
| 353 | 33 | 7 | 11 | 14 | 1 | 193 | 0 | 0 |
| 353 A | 193 | 49 | 58 | 78 | 8 | 3,403 | 0 | 0 |
| 354 | 379 | 129 | 76 | 143 | 31 | 4,381 | 0 | 0 |
| 378 | 190 | 67 | 78 | 19 | 26 | 221 | 0 | 0 |
| By-law 40 | 2 | .... | .... | 2 | .... | 35 | 0 | 0 |
| Total .. | 1,516 | 512 | 410 | 502 | 92 | 12,937 | 0 | 0 |

157. Two notices were issued under Section 378 of the Municipal Act for the improvement of insanitary buildings, of which one is complied with and the other was pending at the close of the year.

158. The one case under Section 378 which was pending at the close of the previous year was complied with.

159. 694 notices were issued under Section 354 of the Municipal Act for the removal of unsafe structures. Out of these 486 were complied with and the remaining 208 were pending at the close of the year.

160. Out of the 206 notices under Section 354 which were pending at the close of the previous year 184 were complied with and 22 are still pending at the close of the year.

161. 40 buildings or portions thereof fell during the year. There were no casualties in 37 cases and in the remaining 3 cases 6 persons were injured and 15 were killed.

162. Action was taken under Section 349 of the Municipal Act in 149 cases for the summary removal of huts or walls thereof made of inflammable materials. Out of these 90 were complied with and the remaining 59 were pending at the close of the year.

163. The 12 cases under Section 349 which were pending at the close of the previous year were all complied with during the year.

164. Applications were made to the Standing Committee for the removal of unauthorized works in 15 cases, in ten of these the work was removed by the parties, in one case the work was removed by the Municipality and the remaining four cases were pending at the close of the year.

165. Out of the six cases which were pending at the close of the previous year in five cases the work was removed by the parties and in one case the work was removed by the Municipality.

## Floor Area of Tenements.

166. The establishment for the registration of floor area of tenements was discontinued during the year and the work is entrusted to the Ward Inspectors. During the year under report 1,488 buildings were surveyed with a view to registering their floor area. The following statement shows the increase or decrease in the floor area of tenements in new and altered buildings in the City.

Statement showing the increase or decrease in the class and floor area of tenements in new and altered buildings completed during the year 1922-23.

| Ward. | DESCRIPTION. | Shops. | | Godowns. | | Residence. | | | | | | | | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | One room tenement. | | Two rooms tenement. | | Larger tenement. | | Servants' Quarters. | | |
| | | No. | Floor area. | No. | Floor area. | No. | Floor area. | No. | Floor area. | No. | Floor area. | No. | Floor area. | |
| | | | Sq. yd. | | Sq. yd. | | Sq. yd. | | Sq. yd. | | Sq. yd. | | Sq. yd. | |
| A | Total floor area of buildings after they are altered or recently built ... ... | 36 | 1,781 | 36 | 12,376 | 5 | 65 | 16 | 466 | 367 | 13,302 | 58 | 1,411 | |
| | Do. do. before do. do. ... ... | 13 | 1,077 | 4 | 1,136 | ... | ... | ... | ... | 13 | 1,424 | 3 | 36 | |
| | Total increase in A Ward ... ... ... ... ... .. | 23 | 704 | 32 | 11,240 | 5 | 65 | 16 | 466 | 354 | 11,878 | 55 | 1,375 | |
| B | Total floor area of buildings after they are altered or newly built ... ... | 77 | 2,950 | 24 | 2,591 | 294 | 12,108 | 70 | 1,411 | 36 | 916 | 10 | 524 | |
| | Do. do. before do. do. ... .. | 42 | 1,479 | 18 | 2,253 | 344 | 12,227 | 28 | 584 | 2 | 190 | ... | ... | |
| | Total increase in B Ward ... ... ... ... ... ... | 35 | 1,471 | 6 | 333 | —50 | —119 | 42 | 827 | 34 | 726 | 10 | 524 | |
| C | Total floor area of buildings after they are altered or newly built ... ... | 92 | 16,632 | 28 | 12,894 | 398 | 13,797 | 63 | 49,372 | 39 | 29,318 | ... | ... | |
| | Do. do. before do. do. ... ... | 23 | 15,758 | 4 | 9,992 | 99 | 2,799 | 23 | 12,242 | 20 | 22,566 | ... | ... | |
| | Total increase in C Ward ... ... ... ... ... ... | 69 | 874 | 24 | 2,902 | 299 | 10,998 | 40 | 37,130 | 19 | 6,752 | ... | ... | |
| D | Total floor area of buildings after they are altered or newly built ... ... | 163 | 7,305 | 56 | 25,074 | 503 | 8,931 | 180 | 7,366 | 1027 | 57,020 | 146 | 2,214 | |
| | Do. do. before do. do. ... ... | 24 | 1,116 | ... | ... | 35 | 564 | 38 | 676 | 189 | 5,268 | 17 | 231 | |
| | Total increase in D Ward ... ... ... ... ... ... | 144 | 6,189 | 56 | 25,074 | 468 | 8,367 | 142 | 6,690 | 838 | 51,752 | 129 | 1,983 | |
| E | Total floor area of buildings after they are altered or newly built ... .. | 52 | 2,257 | 28 | 13,033 | 515 | 11,592 | 263 | 15,050 | 284 | 12,893 | 4 | 102 | |
| | Do. do. before do. do. ... ... | 9 | 203 | 5 | 1,326 | 4 | 671 | 30 | 5,114 | 59 | 1,506 | ... | ... | |
| | Total increase in E Ward ... ... ... ... ... ... | 43 | 2,054 | 23 | 11,707 | 511 | 10,921 | 233 | 9,936 | 275 | 11,387 | 4 | 102 | |

| Ward. | DESCRIPTION. | Shops. | | Godowns. | | Residence. | | | | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | One room Tenement. | | Two rooms Tenement. | | Larger Tenement. | | Servants' Quarters. | | |
| | | No. | Floor area. | No. | Floor area. | No. | Floor area. | No. | Floor area. | No. | Floor area. | No. | Floor area. | |
| | | | Sq. yd. | | Sq. yd. | | Sq. yd. | | Sq. yd. | | Sq. yd. | | Sq. yd. | |
| F | Total floor area of buildings after they are altered or newly built ... ... | 86 | 1,586 | 38 | 11,367 | 626 | 8,991 | 262 | 7,101 | 128 | 9,837 | 38 | 759 | |
| | Do. do. before do. do. ... ... | 76 | 2,493 | 3 | 476 | 114 | 1,267 | 18 | 259 | 7 | 220 | ... | ... | |
| | Total increase in F Ward ... ... ... ... | 10 | —907 | 35 | 10,891 | 512 | 7,724 | 244 | 6,842 | 121 | 9,617 | 38 | 759 | |
| G | Total floor area of buildings after they are newly built or altered ... ... | 161 | 3,852 | 16 | 7,138 | 335 | 6,732 | 462 | 9,479 | 189 | 6,325 | 5 | 70 | |
| | Do. do. before do. do. ... ... | 21 | 700 | 2 | 360 | 53 | 1,365 | 167 | 2,140 | 17 | 535 | ... | ... | |
| | Total increase in G Ward ... ... ... ... | 140 | 3,152 | 14 | 6,778 | 282 | 5,367 | 295 | 7,339 | 172 | 5,790 | 5 | 70 | |
| A to G | Total floor area of buildings after they are altered or newly built ... ... | 672 | 36,363 | 226 | 84,473 | 2676 | 62,216 | 1316 | 90,245 | 2070 | 1,29,611 | 261 | 5,080 | |
| | Do. do before do. do. ... ... | 208 | 22,826 | 36 | 15,548 | 649 | 18,893 | 304 | 21,015 | 307 | 31,709 | 20 | 267 | |
| | Total increase in A to G Wards ... ... ... | 464 | 13,537 | 190 | 68,925 | 2037 | 43,323 | 1012 | 69,230 | 1763 | 97,902 | 241 | 4,813 | |
| | Total increase of floor area on City Improvement Trust plots ... ... ... | 132 | 2,973 | 36 | 3,577 | 740 | 13,737 | 45 | 1,884 | 118 | 11,093 | 49 | 678 | |
| | Grand Total showing the increase in floor area of buildings in the whole City of Bombay. | 596 | 16,510 | 226 | 72,502 | 2777 | 57,060 | 1057 | 71,114 | 1881 | 1,08,995 | 290 | 5,491 | |

| | Miscellaneous increase of floor area of buildings in all the wards A to G. | No. | Floor area in sq. yards. |
|---|---|---|---|
| I | Public buildings, offices, schools, printing presses, clubs, hostels, cinema, theatres, &c., &c. ... | 185 | 79,805 |
| II | Motor garages, coach houses and horse-stalls ... | 315 | 15,218 |
| III | Milch cattle stables and bullock stables ... ... | 3 | 6,259 |
| IV | Mills, factories, workshops, tanneries, &c. ... | 244 | 96,357 |
| V | Temples, mosques, durgas, Jamatkhanas, &c. ... | 1 | 190 |
| VI | Sheds for shops, godowns and for human habitations ... ... ... ... ... ... | 38 | 7,271 |
| | Total of miscellaneous increase of floor area in all wards excepting C. I. T. plots ... ... ... | 786 | 2,05,100 |
| | Do. do. on C. I. T. Plots ... ... | 43 | 1,833 |
| | Grand total of miscellaneous increase in floor area in the City during the year 1922-23 ... | 829 | 2,06,933 |

## INSPECTION OF STAIR-CASES.

167. The establishment for the inspection of stair-cases was discontinued during the year and the work was entrusted to the Ward Inspectors. 254 Notices under Section 349D of the Municipal Act to provide sufficient means of egress were issued during the year. Out of which 202 were complied with and the remaining 52 cases were pending at the close of the year. Out of the 137 cases which were pending at the close of the previous year, 104 were complied with and 33 were still pending at the close of the year.

168. In all 2,118 notices were issued under the following Sections of the Municipal Act :—

| Section of the municipal Act. | Number of Notices. |
|---|---|
| 231 | 4 |
| 298 (2) | 2 |
| 299 | 74 |
| 305 | 11 |
| 308 | 237 |
| 311 | 7 |
| 329 | 3 |
| 349 | 149 |
| 349 D | 254 |
| 351 | 79 |
| 351 (2) | 16 |
| 353 | 184 |
| 354 | 694 |
| 354 A | 255 |
| 378 | 2 |
| 378 (2) | 2 |
| 382 | 1 |
| 383 | 4 |
| 488 | 140 |
| | Total ... 2,118 |

## Repairs to Municipal Buildings, Plague Measures, House-numbering, &c.

169. The building and repair works entrusted to the Annual Repairs and Petty Works Contractor during the year amounted to Rs. 1,14,295-1-9.

170. The Painting Works entrusted to the Painting Contractor during the year amounted to Rs. 48,932-10-10.

## Plague Measures taken during the year 1922-23.

171. The following Health Camps were erected on the Municipal land at a cost of Rs. 1,800 and were provided with latrines and water supply, etc., at Municipal expense :—

| | *No. of Rooms.* |
|---|---|
| Annesley Road ... ... ... ... ... | 30 |
| Mahim Garden ... ... ... ... ... | 30 |
| Total Number of Rooms ... | 60 |

172. The Health Camps which existed at the undermentioned places in the previous years were maintained at Municipal expense during the year under report :—

| *Semi-permanent Health Camps.* | *No. of Rooms.* |
|---|---|
| 2nd Koli Lane Colaba ... ... ... ... | 20 |
| Sukhlaji Street ... ... ... ... ... | 20 |
| Chinchpokli ... ... ... ... ... | 100 |
| Mahim Station ... ... ... ... ... | 37 |
| Total Number of Semi-permanent Rooms ... | 177 |

173. The total cost of repairing and maintaining these camps amounted to Rs. 2,359-3-11.

## House Numbering.

174. In A and B wards the revised house numbering is finished, Plate fixing in C ward is going on. The plans showing the revised numbering for D ward are complete and will shortly be placed before the Corporation for approval. Plans for E ward are under preparation.

I have the honour to be,
Sir,
Your most obedient servant,
T. K. RODDAN,
Executive Engineer.

# WATER WORKS.

## REPORT OF THE HYDRAULIC ENGINEER.

## 1922-23.

### Tansa Lake.

The total rainfall for the year, measured at the Lake, was 91·90 inches or two per cent. over the average of the preceding five years.

Rain fell on 107 different days and the intensity exceeded one inch per day on 33 occasions, two inches per day on 12 occasions and three inches per day on 7 occasions. The intensity in each case was measured over a period of 24 hours.

The Lake commenced to overflow at R.L. 420·00 on the 31st July when the rainfall amounted to 60·00 inches and continued to overflow until the 8th October. The total quantity of water that passed over the waste weir was 30,622 million gallons. The total quantity of water impounded in the Lake during the year was 28,166 million gallons which including the quantity lost over the waste weir is, over a catchment area of 53 square miles, equivalent to 77 per cent. of the rainfall.

The total quantity of water discharged from the Lake into the Duct was 14,265 million gallons out of which 11,725 million gallons were received in the City, the balance of 2,540 million gallons being lost by evaporation and leaking *en route.*

The loss of water from the Lake through supply, evaporation, leakage and absorption between 1st April and 31st May was 3,820 million gallons and between 1st November and 31st March was 8,775 million gallons making a total of 12,595 million gallons for 212 days or an average of 59 million gallons per day.

The average loss of water by evaporation measured during the dry months was ·175 inches per day equivalent to an average of 15·5 million gallons per day.

The lowest level to which the water was drawn before the break of monsoon was 401·69 feet above T.H.D. leaving 18·31 feet or 12,764 million gallons above the level of the lowest outlet.

The total visible leakage along the Duct between Tansa and Ghatkoper measured at the close of the year was 2 million gallons per day.

There were 4 bursts on the new 48″ Tansa Main, 3 near Poibawdi, Parel, and one at Kurla during the year and one on the old 32″ branch Main to the Malabar Hill Reservoir near Chowpatti.

Analysis of the Tansa water were made fortnightly throughout the year and the result of all the analysis showed that the water was at all times free from dangerous pollution and fit for potable purposes.

### Vehar Lake.

The total rainfall for the year, measured near the outlet from the Lake, was 85·63 inches or 5 per cent. over the average of the preceding five years.

Rain fell on 88 different days and the intensity exceeded one inch per day on 23 occasions, two inches per day on 7 occasions, and 11 inches on one occasion. The intensity in each case being measured over a period of 24 hours.

The Lake did not overflow during the year. The highest level was 257·63 T. H. D. or 6·87 feet below overflow level. This level was reached on 25th September when the rainfall amounted to 84·23 inches. The Lake at this level contains 6,677 million gallons or about ⅘ of the contents of the Lake when full. The total quantity of water impounded in the Lake during the year was 6,224 million gallons which over a catchment of 6 square miles and deducting the overflow from Tulsi Lake is equivalent to 67 per cent. of the rainfall.

The total quantity of water discharged from the Lake and received in the City and suburbs was 4,110 million gallons or an average of 11·26 million gallons per day.

The loss of water from the Lake through supply, evaporation, leakage and absorption between 1st April and 31st May was 943 million gallons and between 1st November and 31st March was 2,532 million gallons making a total of 3,475 million gallons for 212 days or an average of 16 million gallons per day.

The average loss of water by evaporation measured during the dry months was ·12 inches per day equivalent to 2·81 million gallons per day.

The lowest level to which the water was drawn before the break of the monsoon was 242·90 feet above T. H. D., leaving 12·4 feet or 2,504 million gallons above the level of the lowest outlet.

There were no bursts or interruptions in the Vehar supply during the year.

Analysis of the Vehar water were made fortnightly throughout the year and the result of all the analysis showed that the water was at all times free from dangerous pollution and fit for potable purposes.

## Tulsi Lake.

The total rainfall for the year, measured near the outlet from the Lake; was 102·55 inches or ½ per cent. over the average for the preceding five years.

Rain fell on 106 different days and the intensity exceeded one inch per day on 30 occasions, two inches per day on 13 occasions, and 4 inches or more on five occasions. The intensity in each case being measured over a period of 24 hours.

The Lake commenced to overflow (R.L. 456·50) on 2nd August 1922 when the rainfall amounted to 79·67 inches and continued to overflow until 28th September. The total quantity that passed over the waste weir into the Vehar Lake was 456 million gallons. The total quantity of water discharged from the Lake and received in the City and suburbs was 1,593 million gallons or an average of 4·37 million gallons per day. The total quantity of water impounded during the year was 2,460 million gallons which over a catchment of 2·6 square miles is equivalent to 64 per cent. of the rainfall.

The loss of water from the Lake through supply, evaporation, leakage and absorption between 1st April and 31st May was 350 million gallons and between 1st November and 31st March was 980 million gallons making a total of 1,330 million gallons for 212 days or an average of 6 million gallons per day.

The average loss of water by evaporation measured during the dry months was ·12 inches per day equivalent to ·66 million gallons per day.

The lowest level to which the water was drawn before the break of monsoon was 432·29 feet above T. H. D., leaving 34·54 feet or 252 million gallons above the level of the lowest outlet.

There were no bursts or interruptions in the Tulsi supply during the year.

Analysis of the Tulsi water were made fortnightly throughout the year and the result of all the analysis showed that the water was at all times free from dangerous pollution and fit for potable purposes.

The Filter Plant which has been under construction at Tulsi since 1919 and was expected to be completed and brought into use during the year is still is progress, the contractors for the supply and erection of the Filter equipment not having completed their work under the contract. The work is, however, now nearing completion and the Plant will shortly be brought into use.

## Powai Lake.

The total rainfall for the year measured near the outlet from the Lake was 83·95 inches or 5 per cent. over the average of the preceding five years.

Rain fell on 91 days and exceeded one inch on 21 occasions, two inches on 9 occasions and four inches on 4 occasions, the intensity in each case being measured over a period of 24 hours.

The Lake commenced to overflow at R.L. 195·00 T. H. D. on 7th July when the rainfall amounted to 43·56 inches and continued to overflow until 3rd October. The total quantity of water which overflowed the Dam was 1,886 million gallons.

The total quantity of water impounded during the year was 689 million gallons which including the quantity lost over the waste weir is, over a catchment area of 1,650 acres, equivalent to 75 per cent. of the rainfall.

The new Pumping Plant and Filters were brought into use towards the close of the year but as the filtration of the water had not passed through the experimental stage, it was not delivered into the City.

## Service Reservoirs.

There were no alterations or new works carried out at the service reservoirs at Malabar Hill and Mazagaon during the year. The reservoirs have been in daily use and the pumping plant at the former continued to work satisfactorily.

## Maintenance Works.

There were 48 bursts during the year, *viz*:—

| No. | | |
|---|---|---|
| 29 | 3″ | diameter pipes. |
| 7 | 4″ | „ |
| 2 | 5″ | „ |
| 1 | 9″ | „ |
| 1 | 12″ | „ |
| 1 | 24″ | „ |
| 1 | 32″ | „ |
| 2 | 36″ | „ |
| 4 | 48″ | „ |

The number of water connections made during the year was 703. Connections cut off for various reasons numbered 36 of which 36 were restored. The net increase, therefore, in the number of connections is 703. The total number of connections now stands at 28,701. The total number of Municipal meters at present in use is 1,954.

The total number of disconnection orders submitted to the Standing Committee through the Municipal Commissioner from time to time during the year was 257 against 269 last year. All these were sanctioned by the Municipal Commissioner and the Standing Committee and have been dealt with as follows :—

| | |
|---|---|
| (1) Disconnections not enforced owing to the requirements having been complied with .. .. .. .. .. .. | 221 |
| (2) Disconnections enforced .. .. .. .. .. .. | 36 |
| (3) Connections restored on compliance with Municipal requirements .. .. .. .. .. .. .. .. | 36 |
| (4) Connections remaining unrestored.. .. .. .. .. | *Nil.* |

## Waste Prevention.

Waste prevention operations were continued throughout the year with the result that 56,937 defects were found and repaired. Of these 18,598 were underground and 38,339 above-ground defects.

The total length of water mains of all sizes sounded during the year under report was 200 miles and 563 feet.

The number of defect notices issued during the year was 14,859.

The total length of water mains tested for leakage by Deacon's meters was 286 miles and 1,037 feet.

Particulars of defects detected and remedied, the number of diagrams taken and the wastage checked during the year are given in the attached statement.

## Statement of Defects found on Mains and Service Pipes during the year 1922-23.

| Month. | | No. of Diagrams taken. | Total leakage discovered and arrested in gallons per hour. | DEFECTS. | | | | | | | | | | | | | | | | | | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Under Ground. | | | | | | | | | Above Ground. | | | | | | | | | | | |
| | | | | Mains. | | Sluice valves. | Hydrants. | Service pipes. | Stop taps. | Disconnected service pipes. | | Miscellaneous holes in mains, etc. | Bib Taps. | | | Service pipes. | | Ball Valves and Tanks. | | | Stop Taps leaking. | Meter Couplings, Flanges, Holes, etc. | Miscellaneous. | |
| | | | | Bursts. | Joints. | | | | | Ferrule leak. | Pipe leak. | | Re-washered. | Out of order. | Left open. | Leaking. | Without Tap. | B. V. out of order. | Tanks without B. Vs. | Tanks leaking. | | | | |
| 1922. | | | | | | | | | | | | | | | | | | | | | | | | |
| April | ... | 50 | 191,744 | 2 | 51 | 129 | 902 | 287 | 103 | 2 | 9 | 19 | 1,161 | 934 | 7 | 348 | 86 | 126 | 27 | 30 | 165 | 16 | 42 | |
| May | ... | 59 | 199,384 | 3 | 49 | 172 | 906 | 308 | 88 | 5 | 1 | 20 | 1,221 | 1,064 | 3 | 295 | 70 | 184 | 38 | 10 | 194 | 7 | 25 | |
| June | ... | 77 | 191,499 | 1 | 41 | 182 | 759 | 316 | 126 | 2 | 11 | 9 | 1,199 | 1,168 | 18 | 420 | 63 | 224 | 36 | 20 | 244 | 20 | 30 | |
| July | ... | 75 | 202,101 | 11 | 41 | 152 | 655 | 334 | 108 | 9 | 3 | 37 | 1,226 | 1,211 | 11 | 416 | 131 | 227 | 78 | 24 | 237 | 22 | 51 | |
| August | ... | 61 | 188,705 | 3 | 48 | 195 | 651 | 428 | 81 | 11 | 13 | 8 | 1,111 | 1,156 | 12 | 419 | 98 | 184 | 97 | 25 | 236 | 13 | 45 | |
| September | ... | 52 | 201,310 | 3 | 37 | 162 | 590 | 388 | 58 | 9 | 4 | 11 | 944 | 1,084 | ... | 412 | 114 | 214 | 62 | 12 | 165 | 7 | 27 | |
| October | ... | 52 | 189,629 | 7 | 56 | 183 | 1,163 | 459 | 90 | 2 | ... | 15 | 1,074 | 963 | 8 | 358 | 79 | 188 | 46 | 9 | 157 | 15 | 53 | |
| November | .. | 55 | 187,605 | 3 | 32 | 218 | 972 | 401 | 133 | 7 | 2 | 15 | 1,158 | 1,079 | 5 | 452 | 76 | 162 | 63 | 37 | 266 | 27 | 17 | |
| December | ... | 60 | 175,833 | 2 | 43 | 186 | 819 | 392 | 152 | 6 | 10 | 24 | 1,162 | 1,099 | 6 | 439 | 69 | 162 | 68 | 58 | 248 | 8 | 24 | |
| 1923. | | | | | | | | | | | | | | | | | | | | | | | | |
| January | ... | 66 | 183,760 | 7 | 42 | 167 | 881 | 473 | 171 | 3 | 3 | 23 | 1,034 | 1,046 | 1 | 457 | 74 | 173 | 96 | 67 | 255 | 26 | 80 | |
| February | ... | 65 | 181,549 | 1 | 47 | 163 | 763 | 423 | 89 | 11 | 2 | 4 | 1,074 | 979 | 2 | 417 | 67 | 190 | 64 | 10 | 196 | 20 | 18 | |
| March | ... | 50 | 215,951 | 5 | 38 | 126 | 769 | 323 | 106 | 3 | 1 | 10 | 990 | 881 | 6 | 362 | 62 | 148 | 58 | 12 | 213 | 15 | 46 | |
| Total | ... | 722 | 2,309,070 | 48 | 525 | 2,035 | 9,830 | 4,532 | 1,305 | 70 | 59 | 195 | 13,354 | 12,664 | 79 | 4,795 | 988 | 2,182 | 733 | 314 | 2,576 | 196 | 458 | |
| Grand Total | | | | 18,598 | | | | | | | | | 13,354 | 24,985 | | | | | | | | | | 56,937 |

## Distributing and Service mains laid during 1922-23.

| Ward. | Locality. | Size of main replaced. | Size of main laid. | Length in feet. | Remarks. |
|---|---|---|---|---|---|
| B | Ahmedabad Street .. .. .. .. | New | 5″ | 686 Feet. | |
| B | Kurla Street .. .. .. .. .. | „ | 5″ | 688 „ | |
| B | Broach Street .. .. .. .. .. | 4″ × 6″ | 6″ | 421 „ | |
| B | Musjid Bunder Road .. .. .. | New | 5″ | 72 „ | |
| B | Chunam Kiln Lane .. .. .. .. | „ | 5″ | 198 „ | |
| B | Thana Street .. .. .. .. .. | 4″ × 6″ | 6″ | 645 „ | |
| B | Baroda Street and Broach Street .. .. | 4″ | 6″ | 1,375 „ | |
| B | Clive Road .. .. .. .. .. | 4″ | 6″ | 768 „ | |
| B | 2nd South of Sandhurst Road .. .. | New | 6″ | 535 „ | |
| C | Northbrook Street .. .. .. .. | 3″ × New | 5″ | 509 „ | |
| C | Dhobi Talao 1st Lane .. .. .. .. | New | 5″ | 309 „ | |
| C | Vithaldas Road .. .. .. .. | „ | 6″ | 360 „ | |
| C | Mangaldas Road .. .. .. .. | „ | 6″ | 480 „ | |
| C | Kazi Street .. .. .. .. .. | 3″ | 6″ | 1,118 „ | |
| C | Alli Umer Street .. .. .. .. | 3″ | 6″ | 1,089 „ | |
| C | Musjid Street .. .. .. .. .. | 3″ | 6″ | 1,002 „ | |

| Ward. | Locality. | Size of main replaced. | Size of main laid. | Length in feet. | Remarks. |
|---|---|---|---|---|---|
| C | Maruti Lane .. .. .. .. .. | New | 6″ | 340 feet. | |
| C | Khoja Street .. .. .. .. .. | 3″ | 6″ | 1,590 ,, | |
| D | Malabar Hill, Hanging Garden .. .. | New | 4″ | 1,070 ,, | |
| D | Bhatwadi 1st .. .. .. .. .. | ,, | 6″ | 440 ,, | |
| D | Do. 2nd .. .. .. .. .. | ,, | 6″ | 325 ,, | |
| D | Post Office Lane .. .. .. .. | ,, | 6″ | 600 ,, | |
| D | Shankarset Street Sleater Cross Lane .. | ,, | 6″ | 700 ,, | |
| D | Bellasis Road .. .. .. .. .. | 4″ | 6″ | 2,593 ,, | |
| D | New Foras Road .. .. .. .. | New | 6″ | 223 ,, | |
| D | Jayrajbhoy Lane .. .. .. .. | 4″ | 6″ | 843 ,, | |
| E | Church Street .. .. .. .. .. | 3″ | 6″ | 540 ,, | |
| E | Sussex Road .. .. .. .. .. | New | 6″ | 740 ,, | |
| E | Kamathipura 2nd Lane .. .. .. | 3″ | 6″ | 123 ,, | |
| E | Do. Centre Road .. .. .. | 3″ & 4″ | 6″ | 1,130 ,, | |
| E | Wadi Bunder Road .. .. .. .. | 4″ | 5″ | 823 ,, | |
| E | DeLima Street .. .. .. .. .. | 4″ × 3″ | 6″ | 1,910 ,, | |
| E | Chimnaji Ranuji Street .. .. .. | 3″ | 6″ | 290 ,, | |

| Ward | Locality. | Size of main replaced. | Size of main laid. | Length in feet. | Remarks. |
|---|---|---|---|---|---|
| F | Parel Back Road .. .. .. .. | 4″ × 6″ | 6″ | 1,416 feet. | |
| F | Sewri Koliwada.. .. .. .. .. | Do. | 6″ | 937 ,, | |
| F | Naigaum Estate (C. I. Trust Scheme) .. | New | 6″ | 1,170 ,, | |
| F | Hospital Avenue Road, Suparibag Estate (C. I. Trust Scheme). | ,, | 9″ | 2,352 ,, | |
| F | Dadabhoy Chamarbagwalla Road, Suparibag Estate (C. I. Trust Scheme). | ,, | 6″ | 759 ,, | |
| F | Suparibag Road (Additional 6″ main) .. | ,, | 6″ | 2,094 ,, | |
| F | Sections 6, 7, 8 and 9A Kingsway & Dadar. | ,, | 4″ | 750 ,, | |
| | | ,, | 5″ | 250 ,, | |
| | | ,, | 6″ | 8,550 ,, | |
| | | ,, | 9″ | 1,600 ,, | |
| F | Dadar Road .. .. .. .. | 4″ | 6″ | 2,100 ,, | |
| G | Dharavi Road .. .. .. .. .. | 3″ | 5″ | 200 ,, | |
| G | DeLisle Road (Overbridge) .. .. .. | New | 3″ | 480 ,, | |
| | | ,, | 9″ | 1,350 ,, | |
| G | Dadar Kumbharwada Road .. .. .. | 4″ | 6″ | 1,080 ,, | |

## FINANCIAL.

The Budget grant for the maintenance of the Water Department for the year 1922-23 was Rs. 7,26,590 which with the lapsed grants renewed and with the transfers and additional grants sanctioned amounted to Rs. 8,99,771-4-0. The total expenditure incurred against this sum and paid for during the year amounted to Rs. 6,83,280-4-2 leaving an unexpended balance of Rs. 2,16,490-15-10, a portion of which will be renewed in 1923-24 to meet the liabilities incurred during the year :—

| | |
|---|---|
| Number of cases disposed of .. .. .. .. .. | 3,550 |
| Number of vouchers received and passed .. .. .. | 2,260 |
| Number of departmental and private works bills prepared and forwarded .. .. .. .. .. .. .. | 627 |
| Number of references made to Inspectors for certificates on vouchers .. .. .. .. .. .. .. .. | 1,760 |
| Number of reports and certificates received from Inspectors (about) .. .. .. .. .. .. .. .. | 1,520 |
| Number of requisitions received and forwarded.. .. .. | 2,121 |
| Number of notices issued in connection with defective pipes and fittings .. .. .. .. .. .. .. | 14,859 |
| Number of contracts executed .. .. .. .. .. | 2 |
| Number of advices sent to the Chief Accountant .. .. | 2,366 |

Mr. H. J. Trivess Smith, M. Inst. C. E., continued to hold the office of the Special Engineer, Tansa Completion Works, and Mr. W. A. Niven, A. M. Inst. C. E., that of sub. *pro tem* Hydraulic Engineer, during the period under review.

## TANSA COMPLETION WORKS.

*Surveys.*—Extensive surveys and cross sections were made at Bassein Creek to ascertain the most suitable sites for the New Kasheli Bridges.

Preliminary and final surveys were made between Powai and Ghatkoper for aligning the proposed 60″ steel main and demarcating the land to be acquired.

Three alternative lines were surveyed across Bandra Creek for aligning the 57″ steel pipes.

The alignment of the 72″ pipes near Mulund was revised and the boundaries of land to be acquired demarcated.

Extensive preliminary surveys were made in Bombay Island along the proposed route of the 72″ pipes and details and positions of important underground works (Sewers, Gas pipes, Electric Cables, etc.) obtained.

*Land Acquisition.*—Although application was made to Government in January 1921, possession of private lands in the Thana District required for the pipe track has not yet been given. The lands were however notified in December 1922 and a Special Land Acquisition Officer appointed by Government to hold enquiries and transact acquisition proceedings.

Small additional strips of lands found necessary on account of very deep cuttings and high embankments at certain places have been applied for acquisition from time to time.

Lands for the pipe line within the Bombay Suburban District between Mulund and Powai, excepting the village of Paspoli, were taken over in June and October 1922.

The position for crossing the B. B. & C. I. Railway at Bandra having been decided upon, the lands for the Pipe line and store yard have been applied for on 28th March 1922.

The land required for the New Kasheli Bridges and their approaches was applied for in October 1922. Demarcation and details necessary for notification are now in progress. Embankment work on these and other lands is however being carried out under powers vested in Section 265 of the Municipal Act.

*Messrs. Braithwaite's workshop at Mulund.*—Lands for the Contractors' workshop at Mulund were taken over from the Government on 18th April 1922. Possession of the lands along the tramway connecting the workshop with the 72″ steel Pipe Lines were received in October and November 1922.

*60″ Steel Pipe Line Powai to Ghatkoper.*— In May 1922 the Collector was requested to acquire lands for about 3 miles of 60″ Pipe Line to be laid to connect two proposed 72″ mains at Powai with the existing Tansa Mains at Ghatkoper and the lands are now being demarcated by the Municipal and Revenue Surveyors to obtain details necessary for notification.

*Extension of Tansa-Atgaon Road.*— The lands required along this extension have been notified under Section 6 of the Land Acquisition Act and possession of the same is shortly expected.

*General.*—No awards have so far been made or declared although deposits have been demanded from time to time by the Collector in respect of the cost of Revenue Survey, for giving possession of certain lands and for trees standing on Government forest lands.

*Tenders accepted during the year were as follows:*—

| | | |
|---|---|---|
| Wiring the Municipal bungalows provided for the use of the Supervising Staff and Powai and Tulsi filter houses .. .. .. .. .. .. .. | Rs. | 7,605 |
| Supply of C. I. Pipes and Special Castings .. .. | „ | 75,549 |
| Transporting concrete blocks for the new bridge at Bandra .. .. .. .. .. .. .. | „ | 3,800 |
| Supply of concrete slabs for the Bandra Bridge .. | „ | 3,600 |
| Constructing a new bridge at Kasheli .. .. .. | „ | 34,18,900 |
| Examining and testing the steel plates for 72″ and 57″ pipes .. .. .. .. .. .. .. .. | £ | 500 per annum. |
| Supply and erection of 2 Venturi Meters .. .. | Rs. | 59,610 |

*Bandra Bridge.*—The work of building this bridge has been carried out departmentally. The construction of the piers and abutments are completed ready for the steel superstructure, which will be erected after next monsoon.

*Pipe Track Outside Bombay.*—Good progress has been made in the work of constructing embankments and cuttings, 90 per cent. of which will be completed by the end of next May. Progress with masonry work in bridges and culverts was, however, very slow and unsatisfactory. About 30 miles of track are, however, ready for laying the 72″ pipes upon and the remaining lengths well in hand. The same difficulties have been experienced this year as last owing to the general prevalence of malaria. Although an effort was made to restart the work in November, an effectual start was not made till the end of December when sickness lessened. The Municipal Health Officer engaged upon this work did all that was practicable to reduce sickness but the result was no better than last year. With the smaller labour and supervising staff which will be employed next season there will be no justification for continuing the appointment.

The alignment of the pipes through Bombay Island having been definitely determined a small section of work (trench excavation) was commenced a few days before the close of the year near Portuguese Church Tank through which a bund is being built to carry the pipes.

*Steel Pipes.*—Work in building the pipe factory at Mulund continued throughout the year and is now practically completed. The fabricating shops have been built complete and equipped with all necessary special machinery. The Engine and Boiler House is complete and is now working. Reinforced concrete hutments for the labour staff (900 rooms) have been built and are now ready for occupation. Housing accommodation for the management and constructional staff are nearing completion. Upto the end of March 1923, 8,700 tons of steel plates ready for fabrication had been sent out from Messrs. Dorman Long's factory.

Locomotives and special wagons for the transport of the pipes, travelling goliaths, and pneumatic caulking plant for the assembling of the pipes in the field, have been manufactured in Egnland and await shipment. It is at present proposed to start laying pipes early in the monsoon. It may be feasible to do a little of this near Mulund, but I doubt if the labour staff will work under monsoon conditions in more remote sections even if transport permitted. I do not expect any effective work in pipe laying to be done before next Noevmber although manufacturing may possible be continued under cover during the rains.

*Extending Tansa Supply.*—Consideration was given by the Corporation in May to the proposal for augmenting the water supply by diverting water from the Vaitarna River into Tansa Lake, when the time should come for increasing the Bombay Supply still further, and in order to render such a scheme more easy of execution it was decided to extend the 72" pipes which were to end at Pogaon as far south as Powai and lay an additional 60" steel pipe from Powai to Ghatkoper to connect with the existing 48" and 50" Tansa Mains there. This modification permits the retaining of 48" and 50" Tansa Mains along Nos. 1 to 5 and 7 Syphons originally proposed to be removed under the sanctioned scheme.

*Kasheli Bridges.*—With the substitution of 72" diameter pipes for the 57", it was found that the existing bridges at Kasheli were incapable of alteration to carry the increased load and new bridges must needs be built. Proposals for this were placed before the Corporation last May and sanctioned. Borings have been taken across the bed of the creek and the most suitable sites for the bridges determined. A contract for constructing the bridge work has been placed with Messrs. Braithwaite & Co. provision being made to carry three 72" diameter pipes, a tramway for maintenance work, and a roadway. Towards the cost of the latter Government have undertaken to give a contribution of not less than Rs. 5 lakhs. To avoid delay in correspondence Messrs. Rendle Palmer and Tritton were appointed Consulting Engineers in London to examine the design for the superstructure and approve the drawings. Their work on this is now completed and the girders are now under manufacture. Capt. Mc Donald Clark has been appointed Consulting Engineer in Bombay to supervise the sinking of the piers, the erection of the superstructure, and to advise the Corporation on the bridge work generally. All the work is well in hand, the sinking of the piers will probably be started next July and the whole work completed early in 1925.

The piers required for the smaller of the two Kasheli Bridges are being carried out departmentally. Sanction to do the work was given on 7th March 1923. The machinery required was purchased at the close of the year and excavation for two of the piers commenced. It is hoped to complete this work in about 18 months.

*Raising Tansa Dam.*—This work was completed by June 10th 1922 and the lake filled up to its ultimate level last monsoon—900,000 c. ft. of masonry being quarried and built in one and a half working seasons.

*Visit to Tansa.*—The President and Members of the Corporation and their guests paid an official visit to Tansa on February 10th 1922, and were entertained by the Contractor for Raising Tansa Dam, Messrs. Teju Kaya & Co.

*New Outlet Well.*—The excavation for this work has been done and the masonry work commenced. The progress made by the Contractors Messrs. The Deccan Land and Building Co. has been most unsatisfactory. Hitherto their staff have been inexperienced and incompetent, and it is probable that the work will take more than another two years to finish.

*Sluice Valves.*—Messrs. Blakeborough and Sons have been maintaining their delivery of valves for the work in a very satisfactory manner, and there seems no doubt that they will complete their contract well within the specified time notwithstanding extensive additions owing to the modification of the Water Supply Scheme.

*Venturi Meters.*—The two Venturi Meters originally ordered for the two new steel mains have been delivered, two additional Venturi Meters have since been ordered from the Contractors Messrs. Worthington Simpson, Limited, and are now under manufacture.

*Kasheli Pumping Plant.*—The engines for this plant have been delivered, but owing to the shifting of the site of the pipe making factory from Vasind to Mulund, and to the complete change of method in carrying out the pipe laying operations, the pumping plant will not be required to be erected in its temporary position at Kasheli. As it appears evident that the Drainage Scheme will not be completed for some time and as some temporary measure for dealing with the drainage has to be adopted this plant is to be utilized at Love Grove as it will not yet be required for water supply purposes.

*Tansa—Atgaon Road.*—This road was extended about half a mile at the Atgaon Road to avoid having to alter the two road culverts under the G. I. P. Railway, these being too low to pass under with loaded motor lorries. This work is now completed.

*Tansa Filtration.*—Considerable doubt was experienced as to the necessity of filtering Tansa Water to a high degree of purity, now that a very large proportion of it will in future be conveyed from the lake to the consumer in steel pipes, and specialists' advice was asked for. The Corporation therefore sanctioned the proposal to consult Sir Alexander Houston and Lieut.-Colonel W. Wesley Clemesha on this subject. The latter came to Bombay at the close of the financial year and continued his former investigations regarding the Tansa Water. It appears that these further investigations only support his former recommendations, though Sir Alexander Houston's comment on this opinion is still to be received.

*Sion Reservoir.*—Plans and detailed estimates of this work have been prepared and it is hoped to commence work on this in September 1923. Meanwhile there appears some difficulty in obtaining possession of the land. The land it is presumed will be let to the Municipality for a nominal rent and in perpetual leasehold, as the whole of the ground used for reservoir purposes will be laid out as a pleasure ground for the public, similar to those of the Sir Phirozsha Mehta and John Hay Grant Reservoir Gardens.

*Distribution System.*—A complete hydraulic survey of all water mains larger than 12″ diameter has been made, and a definite programme of extensions made. These extensions will be made in future years from time to time as demands in local areas increase. The only two urgent improvements necessary are in the neighbourhood of Church Gate Street, and an additional inlet to Bhandarwada Reservoir. Proposals for these will be submitted as early as possible.

*Financial.*—The total amount sanctioned for the execution of the Tansa Completion Scheme amounts to Rs. 4,97,90,000 including Rs. 50,00,000 on account of the modification sanctioned by the Corporation in the Tansa Completion Scheme. The total Budget Grant as revised for the year under report was Rs. 78,39,600 and the total expenditure Rs. 54,55,050.

*Supervising Staff.*—A travelling Medical Officer was appointed last November to try to improve the health of the Municipal Staff and the Contractors' labour staff with the results already stated.

Mr. Trivess Smith, the Special Engineer, Mr. S. G. Reilly, Resident Engineer, and Mr. J. R. F. Barber, Assistant Engineer, were allowed leave out of India during the monsoon. The remaining Officers took short leave in India during the period.

The Special Engineer suffered considerably from Malaria whilst in England, but was able from time to time to do valuable work in connection with the several big contracts, as already reported.

*Prospective.*—With the exception of the Tansa Outlet Well, all contracts are well in hand and the present outlook confirms my view of a year ago, that all without exception will be completed before the end of 1925.

In conclusion I would add, whilst Messrs. Braithwaite are several months behind their original programme in pipe laying, this delay appears to be due to circumstances beyond their control, *viz.*, the late Engineers' strike in England but the time has not been lost ; their proposed method of transport and laying have been improved upon and they now have arranged to complete the manufacture and laying of the pipes within twelve months from next November. I am satisfied that they are in a position to do this, but in Bombay Island inconvenience to traffic has to be studied and I am of opinion that it may be necessary to restrict their progress both on this account and also by reason of the impracticability of preparing the trenches for the pipes so rapidly. I am however of opinion that the work will be completed by the time stipulated and the inconvenience of deficient water supply now felt can now definitely be considered within measurable reach of relief. Every effort is concentrated on this goal without relaxation.

H. J. T. SMITH,
Special Engineer,
Tansa Completion Works.

# FIRE BRIGADE.

I have the honour to submit my Annual Report on the working of the Brigade for the year 1922-23.

*Calls.*—The number of calls received to fires or supposed fires during the year totalled 574, resulting in 292 fires, 2 chimney fires, 135 false alarms and 5 calls to fallen buildings. Compared with last year, there is a decrease of 64 in the number of actual calls and 38 in the fires and though the false alarms are less by 17, the number for the year is still very high. Of the 135 alarms, 92 were from various causes, principally due to the transfer of cable, on the opening of the new telephone exchange and 43 were malicious. Of the latter whilst it is presumed that several were given with good intent there are still too many malicious calls, which only very drastic action will put a stop to.

*Fires.*—169 fires were extinguished by the Brigade and 125 before our arrival. 10 serious fires occurred during the year, brief details of which are given in Appendix III.

*Fire Loss.*—The estimated fire loss has amounted to Rs. 22,57,137, representing Rs. 20,45,082 insured and Rs. 2,12,055 uninsured. The total property at risk has been rated at Rs. 5,15,85,093. Compared with last year, the loss shows a decrease of 17·8 lakhs and is 24·2 below the average of the last three years.

*Water-Supply.*—On the whole, the supply throughout the year has been satisfactory and the attendance of the Water Department Staff prompt. Approximately 14,932 tons of water were used at fires of which 13,964 tons were taken from mains and 968 tons from sea, docks, tanks and wells.

*Lives Lost, Etc.*—Seven persons lost their lives at fires (see Appendix IV). 8 received minor injuries but have since recovered. First Aid was rendered on each occasion.

*Fire Alarm System.*—59 per cent. of the total number of calls received were given through the alarm posts. Several new alarms were established and there are now 112 in the City and Island. Fifteen more are nearing completion and are expected to be in working order very shortly. With a view to increasing the efficiency of the system, certain experiments are now being carried out which if sucessful will be adopted. The system will then be as reliable as it is possible to make it. There were 6 prosecutions for malicious interference with alarms during the year, but the fines inflicted require to be heavier before they will act as a deterrent. The maximum penalty under the Act is Rs. 100 or 3 months' imprisonment or both but nothing approaching the maximum is ever inflicted.

*Appliances.*—All the plant is in good order and working satisfactorily. During the year the Babula Tank 1st Aid appliance was converted from chemical to mechanical working and the emergency tender attached to Headquarters fitted with a chemical appliance. It would be an exaggeration to attribute the reduction in the fire loss solely to these machines, but they have in a very large measure been responsible for a considerable saving since their introduction. Certain alterations to other appliances were also carried out for a more efficient working. One tractor drawn steam fire engine, the boiler and working parts of which were beyond repair was disposed of and provision made in the Budget for a small motor machine to replace it. The distance covered by the appliances to and from the 574 calls of fire totalled 4,168¾ miles.

*Stations.*—To increase efficiency where possible, improvements have been or are being carried out at the existing stations.

Plans and estimates for the new Dock Station at Frere Road were approved by the Corporation and a contract entered into and the work commenced.

The plans and estimates prepared for the new Fort Station at Mint Road were discussed, modified and are still the subject of discussion. I need hardly point out again how very urgent is the need for this station.

For the protection of the new Cotton Depot at Mazagon, sanction was accorded to the site offered by the Port Trust on Central Avenue for a new sub-station being acquired and to plans and estimates for the station being prepared.

Owing to the rapid development of the Mahim area and its adjuncts, it has been decided to construct a new full station near the site of the existing sub-station at Mori Road and to allow the proposed new station at Naigaum Tank, Dadar, to remain in abeyance for the present. The portion of the Island for which the Dadar station is responsible will be equally well served by the Mahim station on the North and West and on the East by the proposed new sewree Station shortly to be taken in hand.

*General.*—On 26 occasions, the Brigade appliances turned out to fallen buildings, etc., 17 persons lost their lives as a result of these collapses and one received such injuries that he subsequently succumbed. 28 were injured slightly. Two persons lost their lives by drowning in a mill well.

109 persons were rescued by the Brigade at fires and fallen buildings, etc., by means of ladders and escapes, etc.

Inspections of 138 premises in connection with dangerous trades were made. All the theatres and cinema halls were regularly inspected.

Hydrant inspection throughout the Island was regularly carried out. Additional fire hydrants in certain areas where the number was insufficient or required supplementing, owing to increasing risk, were laid down. The fire service in other areas also received attention.

The complement of the Brigade for the whole year was at full strength and the health generally satisfactory. Two men died and 55 were invalided, resigned or left the service. Several received injuries at fires. None however proved serious.

*Ambulance Service.*—The service is still very popular and the demands made upon it at times are greater than can be met. On several occasions the ambulance crews have been complimented on their handling of patients in awkward situations particularly on board ships.

One ambulance, owing to a bad accident, had to be placed out of commission since December last and is still out pending the arrival of new engine parts from the makers. The other three are in good condition and working satisfactorily.

The temporary station at Frere Road for the Dock and Bunder areas was opened in the early part of the year and one ambulance and crew located there. This detachment has done some very useful work and filled a long-felt want in the Docks and during the year has attended 148 accident cases. Otherwise the service remains as it was orginally inaugurated at Headquarters.

For the 12 months, 466 accident calls have been responded to, 835 cases of hire, 1,025 persons were carried and the distance run totalled 11,394 miles.

In conclusion, I wish to express my thanks to the officers of the Water Department, Salvage Corps and the Police, for assistance rendered on all occasions.

I have the honour to be,
Sir,
Your most obedient servant,
T. C. GREENOP,
*Chief Officer, Fire Brigade.*

Budgetted Strength and Equipment of the Brigade:—

*Strength.*

| | | | |
|---|---|---|---|
| 1 | Chief Officer. | 20 | Motor Drivers. |
| 1 | 2nd Officer. | 24 | Tindals. |
| 9 | Station Officers. | 195 | Firemen, etc. |
| 1 | Motor Mechanic. | 3 | Turncocks. |
| 1 | Sub Officer. | 1 | Carpenter. |
| 9 | Engineers and Fitters. | | |

Office Staff: 4 Clerks.

Ambulance Staff: 6 Motor Drivers and 15 Attendants.

Making a total of 290 of all ranks.

*Equipment.*

| | | | |
|---|---|---|---|
| 6 | Petrol Motor Fire Engines. | 10 | Hand Fire Escapes. |
| 4 | Steam Motor Fire Engines. | 15 | Hose Reels. |
| 3 | Steam Fire Engines (Tractor haulage). | 4 | Smoke Helmets. |
| 3 | Petrol Motor Escape and 1st Aid Tenders. | 1 | Oxy. Acetylene Cutting Plant. |
| 1 | Petrol Motor Turntable Ladder. | 1 | Emergency Van (for fallen buildings). |
| 1 | Petrol Motor Lorry. | 1 | Motor Car. |
| 1 | Hose and Store Van (Horsed). | 6 | Horses. |
| 2 | Hose and Ladder Trucks. | 40,000 feet | of hose and other small appliances. |

4 Ambulances.

## APPENDIX I.

Statement showing the distribution of Engines, etc.

| STATIONS. | Motor Pumps. | Motor Steamers. | Steamers. | Hose Reels. | Hose and Ladder Trucks. | Motor Escape Tender. | Motor Turntable Ladder. | Motor Car. | Fire Escapes. | Smoke Helmets. | Oxy. Acetylene plant. | Motor Lorry. | Hose Van. | Emergency Van. | Horses. | Delivery Hose, in 50 feet length. | Station Officers including 2nd Officer. | Motor Mechanic. | Sub Officer. | Engineers and Fitters. | Motor Drivers. | Tindals. | Firemen, etc. | Turncocks. | Carpenter. | Ambulances. | Motor Drivers. | Attendants. | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Head Quarters ... | 3 | .. | 3 | 1 | ... | 1 | ... | 1 | 4 | 4 | 1 | 1 | 1 | 1 | 6 | 363 | 4 | 1 | 1 | 5 | 10 | 7 | 66 | 3 | 1 | 4 | 6 | 15 | Escape carried on Motor Pump. |
| Gowalia Tank ... | 1 | .. | ... | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 48 | 1 | ... | ... | ... | 1 | 2 | 23 | ... | ... | ... | ... | ... | Escape carried on Motor Pump. |
| Chinchpokli ... | 1 | ... | ... | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 47 | 1 | ... | ... | ... | 1 | 2 | 19 | ... | ... | ... | ... | ... | Escape carried on Motor Pump. |
| Babula Tank ... | ... | 1 | ... | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | .. | 76 | 1 | ... | ... | 1 | 2 | 2 | 16 | ... | ... | ... | ... | ... | |
| Fort... ... ... | ... | 1 | ... | 1 | ... | ... | ... | ... | 1 | - | ... | ... | ... | ... | ... | 37 | 1 | ... | ... | 1 | 1 | 2 | 12 | ... | ... | ... | ... | ... | |
| Colaba ... ... | 1 | ... | ... | 4 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 62 | 1 | ... | ... | ... | 1 | 2 | 16 | ... | ... | ... | ... | ... | Escape carried on Motor Pump. |
| DeLisle Road ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | 15 | ... | ... | ... | ... | ... | 1 | 7 | ... | ... | ... | ... | ... | |
| Mahim ... ... | ... | ... | ... | 1 | ... | 1 | .. | .. | .. | ... | .. | .. | ... | ... | ... | 30 | ... | ... | ... | ... | 1 | 1 | 7 | ... | ... | ... | .. | ... | Carries 30 feet ladder. |
| Dadar ... ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 15 | ... | ... | ... | ... | ... | 1 | 7 | .. | ... | .. | ... | ... | |
| Bhuleshwar ... | ... | 1 | ... | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 41 | ... | ... | ... | 1 | 1 | 2 | 6 | ... | .. | ... | ... | ... | |
| Mandvi ... ... | ... | 1 | ... | 2 | ... | .. | 1 | ... | ... | ... | . | ... | ... | ... | ... | 66 | 1 | ... | ... | 1 | 2 | 2 | 16 | ... | ... | ... | ... | ... | |
| Total ... | 6 | 4 | 3 | 15 | 2 | 3 | 1 | 1 | 10 | 4 | 1 | 1 | 1 | 1 | 6 | 800 | 10 | 1 | 1 | 9 | 20 | 24 | 195 | 3 | 1 | 4 | 6 | 15 | |

# APPENDIX II.

## BOMBAY FIRE BRIGADE.

Summary of calls to fires (including false alarms) showing the number of times that appliances were used for attending and extinguishing fires during the year 1922-23 ;—

| STATIONS. | No. of Fire Alarms attached. | How called. | | | | | Appliances attended. | | | | | | | | | | | How extinguished. | | | | | | | | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | By Strangers. | By Police. | By Fire Alarms. | By Exchange Telephones. | Total. | Ladder Trucks. | Hose Reels. | Steamers. | Motor Steamers. | Motor Pumps. | Motor Escape Tenders. | First Aid Engines. | Motor Turntable Ladder. | Hand Escapes. | Hose Van, etc. | Motor Lorry. | Buckets. | Hand Pumps. | Chemical Extinguishers. | 1st Aid Engines. | Hydrants. | Steamers. | Motor Pumps. | Sand. | |
| Head Quarters ... ... | 11 | 3 | ... | 43 | 177 | 223 | ... | 2 | 5 | ... | 159 | 4 | 12 | ... | ... | 13 | 12 | 8 | 4 | 2 | 3 | 20 | ... | 29 | ... | |
| Gowalia Tank ... ... | 16 | 6 | ... | 12 | ... | 18 | ... | 15 | ... | ... | 81 | ... | ... | ... | ... | ... | ... | 1 | ... | 3 | 17 | 2 | ... | 4 | ... | |
| Chinchpokli ... ... ... | 12 | 4 | ... | 40 | ... | 44 | ... | 4 | ... | ... | 97 | ... | ... | ... | 92 | ... | ... | 11 | ... | 1 | ... | 16 | ... | 14 | 1 | |
| Babula Tank... ... ... | 10 | 3 | 1 | 47 | ... | 51 | ... | 10 | ... | 167 | ... | 191 | ... | ... | ... | ... | ... | 49 | 4 | 1 | 27 | 22 | 14 | ... | 16 | |
| Fort ... ... ... ... | 12 | 5 | ... | 24 | ... | 29 | ... | 9 | ... | 78 | ... | ... | ... | ... | 41 | ... | ... | 5 | 2 | 1 | ... | 2 | 6 | ... | 1 | |
| Colaba ... ... ... | 7 | 15 | ... | 18 | ... | 33 | ... | 34 | ... | ... | 63 | 63 | ... | ... | ... | ... | ... | 7 | ... | 2 | ... | 19 | ... | 6 | ... | |
| DeLisle Road... ... ... | 3 | 1 | ... | 6 | ... | 7 | 12 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | |
| Mahim ... ... ... | 6 | 1 | ... | 10 | ... | 11 | ... | ... | ... | ... | ... | ... | 28 | ... | ... | ... | ... | 2 | ... | ... | 2 | 2 | ... | ... | ... | |
| Dadar ... ... ... | 3 | ... | ... | 13 | ... | 13 | 20 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 7 | ... | ... | ... | |
| Bhuleshwar ... ... ... | 18 | 10 | 2 | 81 | ... | 93 | ... | 15 | ... | 154 | ... | ... | ... | ... | 101 | ... | ... | 41 | ... | 3 | ... | 18 | 14 | ... | 17 | |
| Mandvi ... ... ... | 14 | 3 | 1 | 48 | ... | 52 | ... | ... | ... | 71 | ... | ... | ... | 72 | ... | ... | ... | 3 | 1 | 1 | ... | 3 | 7 | ... | ... | |
| Total ... | 112 | 51 | 4 | 342 | 177 | 574 | 32 | 89 | 5 | 470 | 400 | 258 | 40 | 72 | 234 | 13 | 12 | 129 | 11 | 14 | 49 | 112 | 41 | 53 | 35 | |

# APPENDIX III.

BRIEF DETAILS OF THE MOST SERIOUS FIRES OF THE YEAR 1922-23.

| Date. | Time. | Place. | Business. | Extinguished by | Damage. | Estimated loss. |
|---|---|---|---|---|---|---|
| 1922. | | | | | | Rs. |
| 18th April .. | 1-20 P.M. | Apollo Reclamation, Colaba. | Cotton merchants. | Firemen with 3 motor pumps and 2 steamers. | About 5,800 bales of cotton stored on open ground (Jethas 33, 34 and 35) covering an area of 50 × 50 feet severely damaged by fire and water. | 3,50,000 |
| 19th April .. | 11-25 A.M. | Third Pasta Lane, Colaba. | Do. | Firemen with 3 motor pumps and 2 steamers. | A ground floor building 100 × 30 feet used as cotton godown and contents consisting of 3,300 bales of cotton, severely damaged by fire and water and most part of roof off. | 1,55,000 |
| 26th August.. | 8-16 P.M. | Nos. 9-11, 1st Pasta Lane, Colaba. | Do. | Firemen with 2 motor pumps and 2 steamers. | A building of one and three floors 100 × 35 feet used as cotton godown and contents consisting of 1,450 bales of cotton, severely damaged by fire and water and roof off and about 400 bales in godown adjoining slightly by water. | 1,09,500 |
| 12th November. | 2-55 P.M. | Sassoon Dock, Colaba. | Do. | Firemen with 3 motor pumps and 1 steamer. | About 2,500 bales of cotton stacked in small stacks covering an area of about 90 × 50 feet (Jethas 10, 11 and 14) damaged by fire and water on open ground. | 1,50,000 |
| 16th November. | 3-56 A.M. | No. 1 Shed, Alexandra Dock. | Steamship. | Firemen with 2 motor pumps and 2 steamers. | A steamship of 5351 tons register. After part of No. 2 hold and contents consisting of about 500 tons of coal and general cargo, etc., and store room over and contents severely damaged by fire, heat and water. Rest of contents of hold slightly by water and 30 × 30 feet of beams and deck plates buckled by heat. | 1,00,000 |
| 30th November. | 2-8 P.M. | Sewree Cross Road, Wadala. | Cotton Mill. | Fireman with 2 motor pumps. | A building of two floors 125 × 90 feet used as carding and spinning rooms, top floor as carding room and contents severely damaged by fire part of roof off and partly fallen down and lower part of building and engine room, etc., and contents adjoining slightly by water. | 1,00,000 |
| 1923. | | | | | | |
| 7th January. | 11-36 A.M. | Victoria Road, 2nd Cross Lane, Byculla. | Engineers and merchants. | Firemen with 3 motor pumps and 1 steamer. | A ground floor building 120 × 30 feet used as godown and contents comprising mill stores and miscellaneous stock, severely damaged by fire, heat and water and roof off. | 3,00,000 |
| 8th January. | 2-51 P.M. | Dadar Road, Dadar. | Cinematograph Film Manufacturers. | Firemen with 1 motor pump. | A ground floor building 40 × 40 feet used as office and stores, etc., and contents burned out, roof off and partly fallen down. Outhouses and open air studio adjoining slightly damaged by fire, heat, smoke and water. | 1,90,000 |
| 3rd February. | 1-15 A.M. | No. 301—303, Frere Road, Fort. | Hardware Importers. | Firemen with 5 motor pumps and 4 steamers. | A building of six floors 90 × 50 feet used as godowns and dwellings over. Back portion of ground, 1st & 2nd floors, and most part of 3rd and 4th floors and contents severely damaged by fire, whole of top floor burned out, roof off and partly fallen down. Rest of building and contents severely by heat, smoke, water and dirt. | 2,00,000 |
| 9th March.. | 12-48 P.M. | Elphinstone Road, Parel. | Cotton Waste Merchants. | Firemen with 3 motor pumps. | A range of buildings of one and two floors 120 × 50 feet used as cotton press, engine and boiler house, etc., and contents severely damaged by fire, roof off and partly fallen down and a quantity of stock and roof of a ground floor shed adjoining slightly by fire, heat, smoke, and water. | 1,00,000 |

# APPENDIX IV.

Summary of lives lost at fires during the year and of persons who received such injuries that death subsequently ensued.

| Date. | Time. | Place. | Remarks. |
|---|---|---|---|
| 1922. | | | |
| 16th July .. | 6-29 P.M. .. | Esplanade Road, Fort. | Shamrao Gajanan, aged 28 years, burned about the body. Removed to hospital. Since dead. |
| 16th November .. | 1-53 P.M. .. | Huzria Street .. | Saik Esmail, Saik Abdulla, aged 31 years, burned to death. |
| 1923. | | | |
| 5th January .. | 8-1 P.M. .. | Bhoiwada 2nd Lane Bhuleshwar. | Sagunabai, aged 25 years, severely burned on hands, legs and body. 1st Aid rendered by the Brigade. Treated at home. Since dead. |
| 27th January .. | 9-42 P.M. .. | No. 128 Bazar Gate Street, Fort. | Prabhawantibai, aged 24 years, severely burned all over body. 1st Aid rendered by the Brigade. Removed to hospital by Brigade Ambulance. Since dead. |
| 17th February .. | 6-5 P.M. .. | No. 40 Hanuman 1st Cross Lane. | Goculdass Vallabhdass, aged 26 years, severely burned on face, hands and body. 1st Aid rendered by the Brigade. Removed to Hospital by the Brigade Ambulance. Since dead. |
| 4th March .. | 9-36 A.M. .. | No. 4 Chandanwadi Cross Lane, Samuel Street. | Sakinabai Abdulla, aged about 25 years, severely burned about the body and removed to Hospital by Ambulance. Since dead. |
| 12th March .. | 11-26 P.M. .. | No. 18 Old Kumbharwadi, Dhariastan Street. | Chandanbai, aged 25 years, burned to death. |

# APPENDIX V.

MONTHLY SUMMARY OF FIRES AND ANNUAL LOSSES FOR THE PERIOD 1913-14 TO 1922-23.

| YEAR. | April. | May. | June. | July. | August. | September. | October | November. | December. | January. | February. | March. | Total. | Estimated. Loss. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | Rs. |
| 1913–1914. | 14 | 11 | 11 | 2 | 10 | 5 | 14 | 29 | 29 | 27 | 35 | 37 | 224 | 64,75,696 |
| 1914–1915. | 48 | 42 | 39 | 15 | 14 | 17 | 17 | 27 | 14 | 19 | 17 | 11 | 280 | 30,19,569 |
| 1915–1916. | 20 | 15 | 12 | 13 | 11 | 12 | 9 | 25 | 13 | 19 | 12 | 15 | 176 | 6,36,503 |
| 1916–1917. | 13 | 20 | 15 | 4 | 12 | 8 | 12 | 18 | 17 | 20 | 16 | 25 | 180 | 5,57,837 |
| 1917–1918. | 58 | 22 | 16 | 8 | 14 | 14 | 14 | 31 | 25 | 34 | 22 | 32 | 290 | 20,22,278 |
| 1918–1919. | 28 | 18 | 24 | 32 | 19 | 15 | 22 | 35 | 32 | 31 | 15 | 18 | 289 | 41,52,374 |
| 1919–1920. | 27 | 22 | 19 | 18 | 9 | 13 | 27 | 27 | 32 | 26 | 32 | 25 | 277 | 38,47,907 |
| 1920–1921. | 29 | 24 | 22 | 21 | 19 | 23 | 26 | 40 | 48 | 24 | 33 | 46 | 355 | 61,43,244 |
| 1921–1922. | 27 | 19 | 32 | 17 | 20 | 16 | 24 | 65 | 25 | 32 | 28 | 25 | 330 | 40,46,289 |
| 1922–1923. | 25 | 34 | 22 | 20 | 15 | 16 | 21 | 30 | 20 | 29 | 36 | 24 | 292 | 22,57,137 |

# PUBLIC GARDENS.

No. G. 185-A of 1923-1924.

BOMBAY, 31*st May* 1923.

FROM

THE SUPERINTENDENT
MUNICIPAL GARDENS.

To

THE MUNICIPAL COMMISSIONER,
FOR THE CITY OF BOMBAY.

SIR,

I have the honour to submit the Annual Report on the working of the Municipal Gardens for the year 1922-23.

2. I was on combined leave from 2nd March 1922 for seven months and four days, during which time Mr. S. N. Ranina, the Assistant Superintendent, Zoo. Collection, acted for me.

3. The following gardens were maintained during the year under report:—

(*a*) Victoria Gardens.
(*b*) Elphinstone Circle Garden.
(*c*) Falkland Road Garden.
(*d*) Northbrook Garden.
(*e*) Sir Cawasji Jehangir Garden (Mahim).
(*f*) Victoria Square (Bhatia Bagh).
(*g*) Dick's Tank Garden.
(*h*) Esplanade Bandstand Green.
(*i*) Chowpatty Bandstand.
(*j*) Flora and Wellington Fountains and the Queen's Statue.

4. The water supply as well as labour were deficient during the year but the gardens were kept as nice and trim as possible as usual.

5. The Corporation under their Resolution No. 10806 of 13th March 1922 had approved the plans and estimates for the erection of a railing round the Bhatia Bagh (Victoria Square) but nothing so far has been done in this respect as a grant for the works was not provided in the budget. A small grant has been provided in the current year's budget for erecting a railing round the Flora Fountain. This when accomplished will prevent idlers, &c., from squatting and sleeping thereon. The Northbrook and Dick's Tank Gardens were under the same condition mentioned in last year's report.

6. The number of visitors to the Victoria Gardens during the year under report was 21,31,732 against 21,93,538 in the previous year showing a small decrease of 61,806 for the year. This is insignificant looking to the general and trade depression in the City just now.

7. 131 new plants were added to the collection during the year under report mostly by exchange with other gardens, *viz.*, Lahore, Agra and Gwalior, where the Superintendent had been travelling to collect plants and animals. He was also able to purchase at Kotah a Tiger and a Brown Bear at moderate prices through the kindness of H. H. the Maharaja. A consignment of rare and showy tropical plants was obtained from a well known Nurseryman in London. These were selected by the Superintendent while he was there on furlough. The plants were landed in Bombay in good condition, the loss during transit being very small.

8. No funds were provided during the year under report for improvements but the usual repairs and small alterations were carried out from the usual grants budgetted for them.

9. The band performances were given at all the four places as usual. There were 14 performances at the Victoria Gardens, 14 at the Chowpatty Bandstand, 72 at the Esplanade Bandstand, and 7 at the Sir Phirozeshah Mehta Garden. There were 14 concerts of Indian Music at the Victoria Gardens. I cannot say after an experience of two years that these concerts are a success. Judging from the number of visitors to the garden on Sundays the result is not at all encouraging, as very often their number is very high even without a concert whereas on some of the concert Sundays it dwindles down to 50 per cent. A Bandstand is, under construction at Chowpatty from the donation of Rs. 30,500 given by Mr. Chaturbhuj Jivandas.

10. Elephant rides were given during the year under report though, off and on, the animal, being now old, was laid up with some trouble or other either in the foot or constitutional. The camel was destroyed owing to cancer in the foot. A new and young animal has been obtained from Karachi but it is not yet fit for riding purposes for children.

11. The following were amongst the animals presented to the gardens during the year:—

A four-horned Antelope by Dr. M. I. Khatkhatay; an Indian Gazelle by Mrs. Mackenzie Addie; one pair of Indian Sloth Bears by Mr. M. C. Petit; a pair of Nilgai by the Secretary, Bombay Pinjarapole; a Nilgai by the Scout Master, Bombay Parsi Scouts; a Malbrouk Monkey by Mr. C. P. Jackson; a Hunting Leopard by Messrs. Cawasji Dinshaw and Brothers of Aden; a Panther Cub by Mr. B. John; and a Dog-faced Baboon by Mrs. Florence Waughan.

12. Amongst the animals born in the garden in the year were:—12 Lions; 3 Tigers; 4 Spotted Deer; 2 Sambers; 1 Great Wallaroo; 1 Hog Deer; 3 Indian Antelopes; 1 Four-horned Antelope; and 1 Mangoose Lemur. Of these six lion cubs were sold to different parties for a total sum of Rs. 2,400.

13. Owing to very high prices now prevailing for animals very few animals were purchased during the year. The principal purchases were:—A male Ostrich, a male Tiger, a Brown Bear, a Sloth Bear and a pair of Canadian Geese.

14. Amongst the animals that died of various diseases are:—1 great Wallaroo of Plague; 1 Leopard of Liver and Lung disease; 1 Wallaroo of Liver and Spleen; 1 Leopard and 1 Lion cub of Liver disease; 2 Sambers of Heart disease; 1 Black Leopard of Lung disease; 1 Antelope, and 1 Four-horned Antelope of Fracture and Bone disease; 1 Camel of Cancer; 1 Leopard of General Debility; 1 Ceriopsis Goose and 1 White Peafowl of Chicken Cholera; 1 Banteng of Rinderpest; 1 Hyaena of Streptococcal Septicæmia; 1 Lioness of Gastro-Enteritis; 1 Nilgai; 1 Indian small Civet; 2 Leopards, and 1 Brown Bear of Anthrax; 1 Lion cub of Paralysis; 1 Rhea, 1 Ostrich, and 1 Hunting Leopard of causes which could not be ascertained by Post Mortem Examination at the Parel Laboratory.

15. I note with regret that there were again some losses amongst the animals from infectious diseases such as Plague, Rinderpest and Anthrax, &c. There was only one death from Rinderpest—the Banteng—a rare animal obtained from Burmah. Several cases of Anthrax occurred during the year, though after a long interval, the chief losses being a Brown Bear, two Leopards and a Nilgai. All the usual precautions as to the disinfection of the cages and enclosures were adopted.

16. The notable event of the year was the proceeding to England of the Superintendent in charge of the collection of the animals presented to H. R. H. The Prince of Wales by H. H. the Maharaja of Nepaul. Mr. Doctor, who obtained seven months' combined leave in March 1922 for this purpose, was able to safely deliver his charge to the Royal Zoological Society of London for their Zoo in Regent's Park without much damage, only a few of the pheasants dying of an outbreak of chicken-pox, although the weather throughout the voyage was of an inclement nature and very chilly.

17. Our best thanks are due to the Director and the Assistants of the Bombay Bacteriological Laboratory for kindly making Post Mortem and Bacteriological Examinations of many of the animals that died in the gardens.

18. The G. I. P. and B. B. & C. I. Railway Companies also assisted us by bringing animals at concession rates, though not altogether free, for which we are grateful to them.

19. The budgetted grants and actual expenditure of various gardens during the year under report were as follows :—

| Name of Garden. | Budget Grants. | | | Expenditure. | | | |
|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | |
| | | | | 1,11,751 | 1 | 1 | Actually spent. |
| | | | | 25,935 | 5 | 4 | Liabilities incurred |
| (*a*) Victoria Gardens ... ... | 1,54,528 | 7 | 2 | 1,37,686 | 6 | 5 | |
| | | | | 3,689 | 8 | 9 | Actually spent. |
| | | | | 1,014 | 0 | 0 | Liabilities incurred. |
| Do. New Works ... | 5,718 | 10 | 0 | 4,703 | 8 | 9 | |
| | | | | 23,509 | 15 | 4 | Actually spent. |
| | | | | 1,896 | 12 | 3 | Liabilities incurred. |
| (*b*) B. Miscellaneous Gardens, Bandstands, open spaces, &c. | 30,663 | 12 | 10 | 25,406 | 11 | 7 | |
| Total Rs. ... | 1,90,910 | 14 | 0 | 1,67,796 | 10 | 9 | |

I have the honour to be,

Sir,

Your most obedient servant,

JAMSHED M. DOCTOR,

*Superintendent, Municipal Gardens.*

# VICTORIA AND ALBERT MUSEUM.

## REPORT OF THE CURATOR AND SECRETARY, VICTORIA AND ALBERT MUSEUM, RECEIVED UNDER HIS No. C. M. 52, DATED 31st OF MAY 1923.

I have the honour to submit the following annual report of work done in the Victoria and Albert Museum for the year ending 31st March 1923.

### *Natural History.*

The specimen of Zebra, which was stuffed and mounted by Messrs. Murray Brothers, was exhibited in a large show case provided with a painted back-ground of the scenery of the locality where the animal is found.

The Water-Birds case, which contained specimens of Ducks and other aquatic birds, was overhauled. The specimens which were damaged, were removed and new ones put instead. A new back-ground was painted, and the artificial scenery was renovated. Another case containing specimens of Swans was also prepared.

In order to show the visitors to the Museum some of the varieties of the poisonous snakes of India, the following species were purchased :

Two varieties of Indian Cobras, a Water-Snake, a Dhivad, an Adhela, a Python, a Double-mouthed Snake, a Krait, an Indian Tree-Snake, and a Maniyar.

The snakes were chloroformed and plaster casts made from the original by the Curator. These casts were painted at the Museum by the Museum Artist and the Modeller exactly copying the coloration of the original. These specimens are proving very attractive and interesting.

The following specimens were received from the Superintendent of Victoria Garden :

One Pigeon, a Chucker Patridge, a Javan Ox, a white Pea-cock, a Nepalese Crow, a Black Leopard, and a Hunting Leopard.

All these were skinned, and the skins were cured and will be preserved in the Museum.

One cured skin of a Cassowary received in the year 1921-22 was made use of to mount the specimen. It was exhibited together with a specimen of an Emu.

### *Arts and Industries.*

During the year under report, the following different specimens were purchased and added to the different collections to which they respectively belonged :

(a) Bell-metal ware. One Tumbler, one pair of scissors, one Indian Lamp, one Ringed Flower-Vase, one Jug, one Lota, and one Flower-Vase of artistic design. These specimens were made at Trichur.

(b) Copper and Brass-ware. One engraved brass tray, one Kamandal, one spouted Jug, one Lota, two Hanging Lamps, one Hand lamp. These were purchased from the School of Art, Jaipur, and are very fine specimens illustrating the best workmanship in purely Indian style.

One Flower Vase, one Aftaba, one Tray and two finger bowls, typical specimens of enamelled work were also purchased.

Ten specimens of mythological interest consisting mostly of Hand-lamps, images of Gods and Goddesses and other utensils used by the Hindus at the time of worship were also purchased.

A specimen of Fern-pot made of copper and coated with silver was purchased on account of its fine workmanship.

(*c*) Agate. Two specimens of slabs of genuine agate, two specimens of Blood-stone agate, one specimen of a mounted gun all made in agate were purchased for the collection of specimens of agate.

(*d*) Inlaid Wood work. Two sandalwood boxes inlaid with bone and horn were purchased to replace old ones. These were made at Surat.

(*e*) Horn and Ivory work. A fine specimen of a Pen-holder made of ivory with beautiful carving was purchased for this collection.

(*f*) A few specimens of glass Chimneys of different sizes, founts, globes for Hurricane Lanterns and Table lamps, decorated dishes, shades for electric lights, and glass roofing tiles manufactured at Karad in Satara District by Messrs. Oagle and Company were presented to the Museum by the manufacturers and these have been exhibited in the case along with other specimens made of glass in India.

(*g*) A few specimens of " Khor " or border in gold and silver manufactured at Ajmere and Delhi and used in embroidering wearing apparel were purchased and exhibited in a small case.

(*h*) Pottery. The manufacture of ceramic ware from Indian clay according to modern methods, being my special work at the School of Art, I decided to bring together a collection of different specimens in order that when the whole collection is properly arranged, it may prove to be both interesting and instructive. For the purpose, I made use of what specimens we had in the Museum and also purchased specimens from places in India, where pottery is manufactured. Among the Museum collection, there were some fine specimens manufactured in England, and other countries of Europe. The specimens made in India include some made at Patan in Gujrat, at Calcutta, at Lucknow, at Jaipur and at the School of Art, Bombay.

A fine Terra-Cotta figure of a Lady made in Bombay being the first of its kind and exhibited at the last Art Exhibition in Bombay, was purchased for the collection.

Two large Vases decorated in lacquer and two small ones made at the School of Art were presented by the Curator.

Now that the collections in this section have been fairly put together and arranged, it appears to me to be necessary to bring together, all the available information about the different specimens now lying scattered in different cases in the form of a small book or a guide as it may be called for the sake of easy reference. The work has been already taken in hand and a major portion of it is now ready.

### *General.*

The following clay models of specimens to illustrate some phasis of Indian Life were made at the Museum :

A dancing girl with attendants in Scindia's Camp about the year 1813, a figure of a Chittary, a Brijbasi, a Hiracash, two figures of Maratha Sirdars in Scindia's Camp about 1813, a figure of a Lady spraying gulal powder on the occasion of the Holi Festival in Scindia's Camp, a figure of a Gosawi Mahant with his retainer, a figure of a Menaman, a figure of an Indian Sepoy and a figure of a Bhaut.

A small toddy case illustrating the manner how toddy is served in Indian Toddy shops, and the results of excessive toddy drinking, was made during the year. For the purpose a small hut in exact imitation of a toddy shop is made and some twenty-four clay figures showing toddy sellers, their employes and customers with other appurtenances of a toddy-shop were made and so arranged that it almost gives a realistic picture of a scene of a toddy shop.

The clay model of Shivaji, which was presented last year, was exhibited in a show case specially prepared and draped in Oriental style with brocade and silk.

Forty-six clay models showing the out-door and in-door games of Indian Boys and Girls were made, and these, when ready, will be exhibited in the case.

The Museum already contained drawings made about ten years ago of different Sectarian marks used by the Hindus. These were not sufficiently interesting. A study of the origin of the marks as well as the difference between them which the different sects observe in their making would, it was thought, result in making the collection more interesting and instructive at the same time throwing light on the very important aspect of the religious life of the Hindus. Accordingly a small brochure is prepared giving the history of the rise of the different Indian Religious Sects, and a number of Illustrations illustrating the letter-press will be put in. To make the subject more interesting clay models showing how the different insignia and marks were worn by the followers of the different Indian Sects from ancient time ar made. In all about thirty such models are made, and these will be exhibited with those already in the Meseum, thus making the whole a very interesting collection in the Museum. This work has been done entirely by the Assistant Curator who has devoted a considerable portion of his spare time consulting reference books and making notes.

It was noticed that the models of Varaha, Rukhmini, and Buddha lacked in correctness of detail according to Hindu Iconography and these were therefore replaced by new ones. The following new models were made and added to the collection :

Luxmi-Narayen, Krsna-Murlidhar, Krsna killing Kalya, Trivikram, Parasnath, two images of Balkrisna.

Four Swords and two Daggers with decorated handles were presented to the Museum by the Curator.

The collection of prints in the Old Bombay Room had overgrown the capacity of space available in the Museum and it was therefore decided to remove those prints which had very little to do with the past history of Bombay. This has enabled me to confine the collection to one room only and also to put up photographs of Civilians and others, who took an active part in the making of modern Bombay. Six views of topographical interest were purchased and framed.

The following books were purchased for the Museum library :—Peep into the Early History of India, Castes and Tribes of Bombay, Vaishnavism and other sects, Cambridge History of India, History of Indian Literature, Matsya, Linga, and Brahma Puranas, Manu Smriti, Life of Sri Sankaracharya, Vedic India, Annals of Rajasthan, Outlines of the Religious literature of India, The Treasures of the Maji, Indian Theism, The Heart of Jainism, etc.

The total number of visitors during the year under report was 1,292,492 against 1,267,059 of the previous year.

I have the honour to be,

Sir,

Your most obedient servant,

ERNEST R. FERN,

*Curator and Secretary.*

No. MC/2/A of 1923-24

From

The STOREKEEPER.

To

The MUNICIPAL COMMISSIONER,

Bombay Municipality.

*12th July* 1923.

Sir,

I have the honour to submit the Annual Administration report of the Stores Department for the year 1922-23. I held charge of the Department throughout the year.

As the market was steady during the year there were no difficulties in obtaining the supplies of special or general Stores except in two cases, *viz.*, of Goa Broom loose Ribs and Cotton waste, owing to the abnormal rise in their rates. Frost and Deacon Meters Parts were purchased at very fair rates direct from the Manufacturers—The Manchester Water Meter Co. and the Palatine Water Meter Co., respectively. Cement was purchased in accordance with the arrangement approved of by the Corporation authorising the Commissioner to participate in the contract entered into by the Director of Development for ten years with the Dwarka, Bundi, Katni and Jubbulpore cement Companies. Four contracts amounting to Rs. 1,09,645 were entered into on fair terms with Messrs. Richardson and Cruddas for the supply of Closable gratings which are solely manufactured by them. As the prices of Steel and Iron greatly fluctuated, no forward contracts were entered into, but the same were purchased on easy terms as required by inviting tenders by public advertisement. As the rate of Pesterine varied from day to day, it was purchased from Messrs. Shaw, Wallace and Co. at the ruling rate on the date of the supply. Indian made Stoneware pipes and fittings are still largely used on our works. Indian made articles such as Globes, Brushes, Locks, Soap bar, &c., of equally good quality were purchased for trial purposes in preference to foreign made goods at lower rates and it has been decided to continue their use during the current year on an extensive scale. Timber (cut pieces) were for the first time kept in stock. This has greatly facilitated the work of the Municipal Workshops as formerly a good deal of time was wasted in placing orders and complying with the indents. This has however considerably increased the work and responsibility of this Department. Samples of different sorts of clothing used in Hospitals and Maternity Homes were purchased during the year in consultation with the Medical Superintendent of Hospitals.

The property owned by the B. B. & C. I. Railway Company at Bellasis Bridge Road was occupied as a Sotres Depot during the year.

Messrs. S. B. Bilimoria & Company, public Auditors and Accountants, carried out the Annual Verification of stores at the Central Stores, Bellasis Bridge Pipe Depot and Foras Road Depot. The triennial verification of the Line Suspense Stores in charge of the Water Works Department, but shown in the books of this office, was also carried out by them during the year. Their verification sheets were under scrutiny at the close of the year.

The numbers of Annual and Special contracts entered into and the quotations invited in 1922 were 92 and 56 respectively. The number of the indents rose from 11,751 in 1921-22 to 23,508 during the year under report. The grant for the purchase of stores which was Rs. 23 lacs in 1921-22 was increased to Rs. 25 lacs in the year under review. The total value of the purchase and issue of Stores aggregated over Rs. 41 lacs.

The increase of Rs. 2,87,295-6-0 in stock of General Stores on hand on 31st March 1922, as per Appendix " A " as compared with that of the previous year is chiefly due to the purchase of the cast iron pipes specials and hydrants, &c., for the Water Works Department in large quantity at the close of the year. These have been to a large extent used up this year. The value of the Line Suspense Stores in charge of Water Works Department is reduced by Rs. 2,433-7-10 and Surplus and Obsolete Stores of Water Works and Drainage Departments show a decrease of Rs. 3-12-0.

Petty thefts from the Central and Depot Stores have been mostly put a stop to as the night watchmen who have been provided with Tell-tale clocks now perform their duties more efficiently than before. But they are somewhat handicapped on account of the stores compounds not having been lighted at night. Kerosine and other lights which have been tried have not proved satisfactory. It would, therefore, be well, were these compounds provided with electric or gas lights to enable the night watchmen to perform their duties efficiently. This question is being separately dealt with.

A new stores sub-depot was opened on Municipal land at Lady Jamshedji Road, at Mahim, on 9th February 1923 for storing articles required by the Municipal Development Department for Capital Works. The question of creating a new capital stores depot was under consideration at the close of the year.

The work and responsibility of the Department have greatly increased as will appear from the figures noted below :—

| Year. | Receipts. | Issues. |
|---|---|---|
| | Rs. | Rs. |
| 1916-17 .. .. | 9,10,085 | 7,19,995 |
| 1917-18 .. .. | 9,65,009 | 8,40,054 |
| 1918-19 .. .. | 9,97,864 | 10,05,899 |
| 1919-20 .. .. | 12,81,855 | 13,26,122 |
| 1920-21 .. .. | 20,54,215 | 18,88,507 |
| 1921-22 .. .. | 21,52,926 | 18,51,247 |
| 1922-23 .. .. | 22,40,408 | 19,31,498 |

I have the honour to be,

Sir,

Your most obedient servant,

KAIKHOSHRO N. RANINA,

Storekeeper.

## APPENDIX "A."

| Particulars. | General Stores. | | | Surplus and Obsolete Stores. | | | Line Suspense Stores. | | | Capital Stores. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p. |
| Value of Stores on hand on 1st April 1922 ... ... ... | 9,65,826 | 2 | 11 | 1,992 | 4 | 5 | 95,625 | 0 | 5 | ...... | | | 10,63,443 | 7 | 9 |
| Value of Stores receipts including transfers during 1922-23 . | 22,14,387 | 3 | 1 | ...... | | | 10,095 | 8 | 0 | 15,925 | 0 | 8 | 22,40,407 | 11 | 9 |
| Total ... | 31,80,213 | 6 | 0 | 1,992 | 4 | 5 | 1,05,720 | 8 | 5 | 15,925 | 0 | 8 | 33,03,851 | 3 | 6 |
| *Less*— | | | | | | | | | | | | | | | |
| Value of Stores issues including transfers during 1922-23 . | 19,29,060 | 11 | 8 | 3 | 12 | 0 | 2,433 | 7 | 10 | ...... | | | 19,31,497 | 15 | 6 |
| Balance ... | 12,51,152 | 10 | 4 | 1,988 | 8 | 5 | 1,03,287 | 0 | 7 | 15,925 | 0 | 8 | 13,72,353 | 4 | 0 |
| *Add*— | | | | | | | | | | | | | | | |
| Discrepancies adjusted as per Clause No. 29 of the Stores Audit Manual against Rate Adjustment Account ... | 1,968 | 14 | 7 | ...... | | | ...... | | | ...... | | | 1,968 | 14 | 7 |
| Value of Stores on hand on the 31st March 1923 ... .. | 12,53,121 | 8 | 11 | 1,988 | 8 | 5 | 1,03,287 | 0 | 7 | 15,925 | 0 | 8 | 13,74,322 | 2 | 7 |

KAIKHOSHRO N. R. RANINA,
*Storekeeper.*

# LICENSE DEPARTMENT.

FROM

THE SUPERINTENDENT OF LICENSES,

To

THE MUNICIPAL COMMISSIONER
FOR THE CITY OF BOMBAY.

BOMBAY, *8th June* 1923.

SIR,

I have the honour to submit my Annual Report on the working of the License Department, during the year 1922-23. Mr. N. S. Kowshik held the office of the Superintendent of Licenses, during the year under report.

The total number of licenses issued, during the year under notice, was 13,320 and the total amount of license fees collected was Rs. 1,33,725. The amount was higher than in any previous year, except in 1919-20. The figures for the preceding three years are as under :—

| Year. | No. of licenses issued. | Amount of license fees collected. |
|---|---|---|
| | | Rs. a. p. |
| 1919-20 ... ... | 12,615 | 1,36,215 8 0 |
| 1920-21 ... ... | 12,296 | 1,28,685 12 0 |
| 1921-22 ... ... | 12,836 | 1,31,789 12 0 |

The increase of 484, in the number of licenses issued, during the year under report, was in respect of charcoal shops, eating houses, fire-works, matches, noisy trades, permits under Section 390, liquid fuel storages under the Indian Petroleum Act of 1899 and sweetmeat shops. The license fees, outstanding on the 31st March 1923, amounted to Rs. 2,249-8-0 in respect of 214 licenses, as against Rs. 1,650 in respect of 148 licenses on the 31st March 1922.

Miscellaneous receipts amounted to Rs. 163-2-0 as against Rs. 280-11-9 in the preceding year. License fees, amounting to Rs. 494. were refunded in respect of 19 cases as against Rs. 689 in respect of 19 cases in the preceding year.

During the course of the year, nine stables were vacated, out of which two milch cattle and one bullock stable were vacated as they were incapable of improvement, one horse stable, three milch cattle stables and one bullock stable as the owner thereof refused to have the licenses renewed and one bullock stable as it was demolished.

The loss of fees, incidental to demolition of the old licensed places or their diversion to uses not requiring a license, during the year under report, amounted to Rs. 16,916 against Rs 5,278-12-0 in the preceding year.

The total number of prosecutions, instituted during the year under report, was 4,071 cases, gainst 4,317 in 1921-22 ; the total amount of fines being Rs. 15,370-4-0 against Rs. 20,563-4-0 in the preceding year. Of the 4,071 prosecutions, 2,893 were for non-payment of license fees, against 3,163 in 1921-22 and the remaining 1,178 against 1,154 in 1921-22, were for carrying on licensable trades without licenses and infringement of license conditions.

In 7 cases, for non-payment of license fees, a fine amounting to Rs. 125 was inflicted. No such fine was ever inflicted in such cases before. In 29 cases, for offences committed for allowing to pass dung into drains, the fine inflicted amounted to Rs. 1,000.

In case of oil (vegetable) it was decided by the Corporation by their Resolution No. 9695 of 15th February 1923, that in case of shops and godowns under dwellings, a quantity not exceeding 3,000 gallons and in case of non-residential places a quantity not exceeding 8,000 gallons may be licensed. Accordingly licenses were issued in March for all such shops and godowns which were not licensed for two previous years.

Hair Dressing Saloons or Barbers' shops and Hamamkhanas and manufacturing bidis or indigenous cigarettes, became licensable by Bombay Act No. VII of 1921. They are, however, to be brought under control from 1st April 1923. As in the case of eating houses, the enforcement of regulations and supervision rest with the Health Department.

Regarding coal and charcoal shops at Parel Road Cross Lane, it was expected that the land at Mazagaon-Sewri Reclamation on the Port Trust Estate would be ready for the receipt of the coal and charcoal traffic during the course of the year and that all these shops would be removed there. But as the land on the Port Trust Estate was not ready, temporary licenses were issued for these shops at the end of the year.

I have the honour to be,

Sir,

Your most obedient servant,

S. A. SHETE,

*Ag. Superintendent of Licenses.*

STATEMENT showing (1) the number of licenses issued, (2) the trades licensed and (3) the amount of fees collected during 1922-23 :—

| No. of Licenses. | Nature of Trade. | License fees. | |
|---|---|---|---|
| | | Rs. | a. |
| 37 | Aerated waters (manufacturing) | 855 | 0 |
| 49 | Ashes | 301 | 4 |
| 171 | Bakeries | 3,512 | 8 |
| 65 | Bidi leaves | 322 | 8 |
| 2 | Candles (manufacturing) (hand made) | 50 | 0 |
| 20 | Carbide of Calcium (retail) | 92 | 8 |
| 11 | Do. (wholesale) | 270 | 0 |
| 1 | Catgut | 15 | 0 |
| 660 | Charcoal | 5,622 | 4 |
| 136 | Chemicals (preparations) | 2,206 | 4 |
| 24 | Cinematograph Films | 450 | 0 |
| 175 | Cloths in Indigo and other colours dyeing (hand power) | 1,236 | 4 |
| 13 | Do. do. (mechanical power) | 390 | 0 |
| 304 | Coal and coke | 3,816 | 8 |
| 45 | Cocoanut Fibre, Flax, Hemp and Jute | 577 | 8 |
| 24 | Cotton (keeping, cleaning) | 412 | 8 |
| 115 | Cottonseed | 2,537 | 8 |
| 95 | Cotton Refuse or Waste | 1,698 | 0 |
| 12 | Cow-dung cakes (manufacturing) | 133 | 12 |
| 64 | Dammer, Tar or Pitch | 822 | 8 |
| 2,309 | Eating Houses | 16,172 | 0 |
| 11 | Fat and Tallow (cleaning) | 157 | 8 |
| 15 | Do. (keeping) | 225 | 0 |
| 11 | Fins (dried) | 165 | 0 |
| 24 | Fish ( do. ) | 338 | 12 |
| 223 | Fireworks (retail) | 510 | 8 |
| 106 | Do. (wholesale) | 667 | 0 |
| 5 | Do. (manufacturing) | 150 | 0 |
| 101 | Firewood (retail) | 200 | 8 |
| 755 | Do. (wholesale) | 8,531 | 12 |
| 6 | Gas (manufacturing) | 180 | 0 |
| 156 | Ghee (keeping) | 1,057 | 8 |
| 5 | Do. (manufacturing) | 55 | 0 |
| 159 | Grain (parching) | 210 | 0 |
| 395 | Gunny bags | 1,791 | 8 |
| 56 | Gunpowder (retail) | 271 | 8 |
| 2 | Do. (wholesale) | 60 | 0 |
| 6 | Do. (manufacturing) | 475 | 0 |
| 179 | Hay, Straw or Grass | 2,482 | 12 |
| 28 | Hides and Skins (dried) | 408 | 12 |
| 20 | Do. (raw) (keeping) | 486 | 4 |
| 44 | Do. (tanneries) | 3,900 | 0 |
| 3 | Horns and Hoofs | 60 | 0 |
| 55 | Lime for burning (lime kiln) | 2,662 | 8 |
| 1,375 | Matches (retail) | 1,788 | 0 |
| 50 | Do. (wholesale) | 4,053 | 8 |
| 113 | Do. (Bengal lights) (retail) | 162 | 8 |
| 207 | Metals (casting) | 2,955 | 0 |
| 77 | Methylated Spirit | 726 | 4 |
| 907 | Noisy Trades | 2,240 | 0 |
| 606 | Oil (keeping) | 9,021 | 0 |
| 98 | Do. (manufacturing) | 1,117 | 8 |
| 2 | Paper ( do. ) | 30 | 0 |
| 25 | Do. (stored for sale as waste paper) | 240 | 0 |
| 172 | Permits under Section 390 | 4,300 | 0 |
| 10,329 | Carried over ... | 93,174 | 4 |

| No. of Licenses. | Nature of Trade. | License fees. | |
|---|---|---|---|
| | | Rs. | a. |
| 10,329 | Brought forward | 93,174 | 4 |
| 33 | Petroleum (non-dangerous, under Municipal Act) (kerosine oil) (retail) | 264 | 0 |
| 68 | Do. (non-dangerous, under Municipal Act) (kerosine oil) (wholesale) | 524 | 0 |
| 91 | Do. (dangerous, under the Indian Petroleum Act) | 267 | 4 |
| 15 | Pottery (manufacturing) | 45 | 0 |
| 12 | Rags | 180 | 0 |
| 42 | Saltpetre | 198 | 12 |
| 16 | Smelteries | 192 | 0 |
| 32 | Soap (manufacturing) | 738 | 0 |
| 19 | Sugar Refineries | 437 | 8 |
| 37 | Stables for Horses | 1,893 | 12 |
| 96 | Do. Milch Cattle | 8,642 | 8 |
| 77 | Do. Bullocks | 1,258 | 12 |
| 8 | Do. other four-footed animals | 8 | 0 |
| 1,631 | Timber | 17,028 | 0 |
| 140 | Turpentine (retail) | 678 | 12 |
| 46 | Do. (wholesale) | 678 | 12 |
| 39 | Whistles (steam) the blowing of | 390 | 0 |
| 44 | Wool | 792 | 8 |
| 30 | Liquid fuel or non-dangerous Petroleum under Form E of the Indian Petroleum Act | 2,426 | 0 |
| 2 | Do. do. do. under Form A of the Indian Petroleum Act | 24 | 0 |
| 89 | Licenses transferred | 110 | 0 |
| 9 | Special licenses under Section 394 (1) (d) (ii) | 9 | 0 |
| 254 | Sweetmeat (manufacturing and keeping) | 1,967 | 0 |
| 13,159 | Total Rs. | 1,31,927 | 12 |
| 159 | License fees collected during 1922-23 for the preceding year (1921-22) | 1,737 | 4 |
| 2 | License fees collected during 1922-23 for the preceding years 1919-20 and 1920-21 | 60 | 0 |
| 13,320 | Grand Total | 1,33,725 | 0 |

# MARKETS.

FROM

THE SUPERINTENDENT OF MARKETS

To

THE MUNICIPAL COMMISSIONER.

SIR,

I have the honour to submit the Annual Report of the Markets and Slaughter Houses for the year 1922-23.

2. The total receipts from Markets and Slaughter Houses during the year under report amounted to Rs. 10,30,103-12-3 against Rs. 9,07,038-0-7 in the previous year showing an increase of Rs. 1,23,065-11-8.

3. There were 13 Municipal Markets in all which are given below with their revenues and the comparative figures of the last year:—

| Names of Markets. | Total number of stalls. | Average number of stalls vacant. | Stall rents. | Squatters' fees collected departmentally. | Total. |
|---|---|---|---|---|---|
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p |
| Colaba Market ... ... ... ... | 56 | 36 | 986 8 0 | 41 14 0 | ...... |
| Fort Market ... ... ... ... | 252 | 24 | 11,259 9 6 | 18 2 0 | ...... |
| A. C. Market ... ... ... ... | 941 | 35 | 1,69,305 13 9 | 418 8 0 | ...... |
| Erskine Road Market ... ... ... | 691 | 53 | 65,657 2 3 | 651 6 0 | ...... |
| Bhuleshwar Market ... ... ... | 199 | 9 | 21,051 3 5 | 39 2 0 | ...... |
| Pedder Market ... ... ... ... | 43 | 1 | 2,828 4 10 | ...... | ...... |
| Pork Market ... ... ... ... | 3 | 1 | 3,400 0 0 | ...... | ...... |
| DeLisle Road Market ... ... ... | 50 | 6 | 6,666 11 4 | ...... | ...... |
| Fergusson Road Market .. ... ... | 31 | ...... | 2,497 6 6 | 41 12 0 | ...... |
| Parbhadevi Market ... ... ... | 26 | ..... | 1,749 13 6 | ...... | ...... |
| Elphinstone Market ... ... ... | 46 | ...... | 4,026 9 6 | ... | ...... |
| Kamatipura Market ... ... ... | 49 | ...... | 3,455 15 4 | ...... | ...... |
| Musjid Bunder Market ... ... | 52 | 23 | 5,215 0 0 | ...... | ..... |
| Total ... | 2,439 | 188 | 2,98,100 0 11 | 1,210 12 0 | 2,99,310 12 11 |
| Total in 1921-22 ... | 2,418 | 162 | 2,73,079 9 11 | 1,148 10 0 | 2,74,228 3 11 |

4. In addition to the above revenues Rs. 1,16,028-5-4 were received from the contractors for collecting squatters' fees from different markets and the scale fees in A. C. Market against Rs. 84,407 of the last year.

5. The markets were well kept and a careful supervision was exercised by the market staff as to cleanliness, sanitary condition and wholesomeness of articles offered for sale.

6. A license fee of Rs. 23,337-8-0 was received from the Private Markets against Rs. 10,907-4-0 realised during the last year. The cause of increase was due to the increase sanctioned in the license fees from 1st October 1921 under Corporation Resolution No. 7290, dated the 10th November 1921. A further revision of license fees was sanctioned under Corporation Resolution No. 7475, dated the 23rd November 1922, in case of Don Tar 2nd Row, Adamji Peerbhoy, Tank Bunder, Bhoiwada and Upper Mahim Markets. The license fees as collected were as shown below :—

| Names of the markets. | License fees. | | | Remarks. |
|---|---|---|---|---|
| | Rs. | a. | p. | |
| Umerkhadi Market .. .. .. | 2,277 | 0 | 0 | |
| Byculla Market .. .. .. | 807 | 0 | 0 | |
| Hains Road Market .. .. .. | 1,182 | 0 | 0 | |
| Lower Mahim Market .. .. .. | 593 | 0 | 0 | |
| Parel Village Market .. .. .. | 249 | 8 | 0 | |
| Tank Bunder Market .. .. .. | 152 | 0 | 0 | |
| Upper Mahim Market .. .. .. | 644 | 8 | 0 | |
| Parel Chawl Market .. .. .. | 2,398 | 0 | 0 | |
| Parel Road Market .. .. .. | 5,037 | 0 | 0 | |
| Cheera Bazar Market .. .. .. | 1,514 | 0 | 0 | |
| Don Tar 2nd Row Market .. .. .. | 239 | 0 | 0 | |
| Dhobitalo Market .. .. .. | 1,221 | 0 | 0 | For the year 1921-22. |
| | 1,466 | 0 | 0 | Do. 1922-23. |
| Bhoiwada Market .. .. .. | 207 | 8 | 0 | |
| Alli Umer Street Market .. .. .. | 25 | 0 | 0 | |
| Dadar Market .. .. .. | 1,582 | 0 | 0 | For the year 1921-22. |
| | 2,551 | 0 | 0 | Do. 1922-23. |
| Sewree Market .. .. .. | 1,192 | 0 | 0 | |
| | 23,337 | 8 | 0 | |

7. The market staff exercised careful supervision over these markets with particular regard to sanitary condition, cleanliness and wholesomeness of food stuffs.

8. A quantity of unwholesome articles from different markets weighing about 276,805 lbs. was destroyed during the year.

9. The contraband meat seized and destroyed was 38,718 lbs. against 5,119 lbs. in the previous year.

10. 11,077 buffaloes, 52,247 cows and bullocks and 935,227 sheep and goats were brought on the Fair Ground at the Bandra Slaughter Houses out of which 6 buffaloes, 378 horned cattle and 6,470 sheep and goats being found diseased or otherwise unfit for human food were rejected.

11. The slaughter fee realised at the Bandra Slaughter House was Rs. 3,60,380-4-0 against Rs. 3,05,914-10-0 of the last year. A sum of Rs. 5-8-0 was received for slaughtering goats in Bombay for religious festival. An increase in the slaughter fees was sanctioned with effect from 1st October 1922 under Standing Committee Resolution No. 3844 of 2nd August 1922.

12. 2,380 pigs and piglings were brought for slaughter at the Arthur Road Pig Slaughter House, out of which 59 were condemned. The fee received for slaughtering these animals at the slaughter house and at other places in the City on the occasion of festivals amounted to Rs. 2,336-8-0 against Rs. 3,748-12-0 of the last year.

NOTE :—The details of the animals slaughtered, &c., and the fees realised has been printed at the end of this report.

13. The approximate weight of slaughtered buffalces, cows and bullocks was about 6,982 tons and that of the sheep and goats about 7,035 tons. The condemned quantity out of the former was about 21 tons and that of the latter was 15 tons which give ·3 and ·2 percentages respectively.

14. Out of about 89 tons of pork meat slaughtered about 5 tons had to be rejected being found unfit for food and was destroyed. The percentage comes to 5·61.

15. The principal causes of meat condemnation were emaciation, abscesses, bruised conditions and cysticercus bovis and cellulosæ. Tuberculosis was practically confined to pigs only.

16. The sum realised from the contractor by the sale of right for recovering feeding and fair ground fees was Rs. 1,90,000 against Rs. 2,00,000 derived in the last year showing a decrease of Rs. 10,000. The cause of decrease in this item of the revenue was due to the Corporation deciding that horned cattle upto a certain age should not be slaughtered (*vide* Corporation Resolution No. 11840, dated 3rd March 1921).

17. The other miscellaneous revenues derived were as follows :—

| | Rs. | a. | p. |
|---|---|---|---|
| 1. Amount received from the contractor for the right of removing blood .. .. .. .. .. .. .. .. .. | 4,261 | 0 | 0 |
| 2. License fees from Municipal and Private Markets, outside meat shop, &c. .. .. .. .. .. .. .. .. | 38,718 | 12 | 0 |
| 3. Fees for verifying weights and measures .. .. .. .. | 1,608 | 14 | 6 |
| 4. Produce of lands .. .. .. .. .. .. .. | 5 | 0 | 0 |
| 5. Prices current .. .. .. .. .. .. .. .. | 95 | 10 | 0 |
| 6. Amount received from the contractor for the right of removing the dead animals .. .. .. .. .. .. .. | 350 | 0 | 0 |
| 7. Minor receipts .. .. .. .. .. .. .. .. | 1,804 | 1 | 7 |
| 8. Ground rent .. .. .. .. .. .. .. .. | 375 | 0 | 0 |
| 9. Rents from Cinema Censor Board, Chawl rents, &c... .. .. | 4,852 | 6 | 0 |
| 10. Rent from Pedder Market chawl and other rents recovered from peons, havaldars, &c., occupying Municipal quarters .. .. | 338 | 6 | 11 |
| 11, Cold storage rents .. .. .. .. .. .. .. | 9,633 | 3 | 0 |
| Total Rs.... | 62,042 | 6 | 0 |

18. The fines inflicted by the Presidency Magistrates for the infringement of the provisions of the Municipal Act and the By-laws pertaining to the markets during the year amounted to Rs. 4,473 against Rs. 1,132-4-0 in the previous year. This total amount includes fines of Rs. 4,320 for the importation of contraband meat. (Section 412 (1) of the Municipal Act.)

19. The staff for testing and stamping weights and measures was maintained throughout the year. The question of standardisation of weights and measures was laid before the Corporation in accordance with Government order as contained in their Resolution No. 1612, dated 31st January 1922. The Corporation by their Resolution No. 3193 of 13th July 1922, ordered the Municipal Secretary to give publicity to the public through the medium of local papers. Protests were raised by some firms for retaining the gallon, phara measures and selling iron by tons and cwts. The matter was under consideration at the end of the year.

20. The Veterinary inspection staff at the slaughter house at Bandra and at Arthur Road Pig Slaughter House also performed valuable work in protecting the public health. I continued to be in Office all through the year.

21. During the year the Refrigerator was completed in A. C. Market and was brought into use from 23rd December 1922. It is the first of its kind that the Municipality have constructed. The total cost of the building and machinery was estimated at Rs. 2,06,834

This refrigerator is used for the storage of perishable commodities such as fish and fruit which cannot be speedily sold. This innovation has proved not only a boon to traders in fish, fruit, &c., but also to the general public and a profitable investment to the Municipality.

22. With a view to improve the lighting of A. C. Market which is lighted with gas the work of installing electric light was taken in hand and was in progress at the end of the year.

23. The fowl rooms being old and in a broken down condition were most insanitary and were infested with rats. The fowls were kept in cramped baskets or cooped up in narrow spaces. These fowl rooms have been demolished and in their places a new building was under construction during the year. It will consist of a ground and an upper floor. The former will be used for accommodating fowls and birds and the latter as Offices for Dubashes, Commission Agents, &c. In the fowl rooms some space will be assigned for the fowl sellers and the remaining space will be occupied with rows of steel and net work cages. The fowls will remain in comparative comfort and will have ample place to move about and have food and water.

24. Arrangements for taking in hand the work of constructing the Gilder Tank Market on Lamington Road were being made at the end of the year. This market when completed will replace the objectionable Grant Road Footpath Market.

25. The work was sanctioned to be carried out under Standing Committee's Resolution No. 11116, dated 22nd March 1923. Also a site was purchased from the Development Department for the extension of A. C. Market on Pultoon Road.

26. In the following statement is shown the financial results of the Municipal Markets for the year 1922-23 :—

| Names of markets. | Original cost. | Additions, if any, made during the year. | Total cost. | Gross receipts. | Expenditure. | Net receipts. | Percentage on the cost. | Remarks. |
|---|---|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. | |
| Colaba .. .. .. .. | 97,157 15 11 | .... | 97,157 15 11 | 2,848 6 0 | 1,527 14 11 | 1,320 7 1 | 1·36 | The percentage on the total income and expenditure of all the Markets comes to 8·26. |
| Fort .. .. .. .. . | 27,114 8 8 | .... | 27,114 8 8 | 14,477 11 6 | 9,499 9 10 | 4,978 1 8 | 18·36 | |
| A. C. Market .. .. .. .. | 13,42,726 13 1 | 2,06,834 0 0 | 15,49,560 13 1 | 2,33,173 8 9 | 1,08,511 4 9 | 1,24,662 4 0 | 8·05 | |
| Erskine Road .. .. .. .. | 5,91,964 15 10 | .... | 5,91,964 15 10 | 1,01,508 8 9 | 35,830 2 7 | 65,678 5 8 | 11·09 | |
| Bhuleshwar .. .. .. .. | 2,94,217 0 11 | .... | 2,94,217 0 11 | 21,090 5 5 | 7,720 4 9 | 13,370 0 8 | 4·54 | |
| Pedder .. .. .. | 53,223 10 7 | .... | 53,223 10 7 | 6,029 0 9 | 4,197 7 6 | 1,831 9 3 | 3·44 | |
| Pork .. .. .. .. | 20,880 13 4 | .... | 20,880 13 4 | 3,400 0 0 | 1,167 12 6 | 2,232 8 6 | 10·69 | |
| DeLisle Road .. .. .. .. | 25,000 0 0 | .... | 25,000 0 0 | 6,666 11 4 | 3,619 7 9 | 3,047 3 7 | 12·19 | |
| Fergusson Road .. .. .. | 22,669 0 0 | .... | 22,669 0 0 | 8,795 8 6 | 5,992 10 1 | 2,802 14 5 | 12·36 | |
| Parbhadevi .. .. .. . | 28,819 7 3 | .... | 28,819 7 3 | 7,149 12 6 | 3,453 6 4 | 3,696 6 2 | 15·52 | |
| Elphinstone .. .. .. .. | 29,266 15 4 | .... | 29,266 15 4 | 9,877 9 6 | 7,758 14 5 | 2,118 11 1 | 7·24 | |
| Kamatipura .. .. .. .. | 50,670 0 0 | .... | 50,670 0 0 | 5,455 15 4 | 3,908 7 5 | 1,547 7 11 | 3·05 | |
| Musjid Bunder .. .. . . | 7,008 9 11 | .... | 7,008 9 11 | 6,873 5 4 | 3,596 11 7 | 3,276 9 9 | 46·75 | |
| Total .. | 26,85,719 14 10 | 2,06,834 0 0 | 27,92,553 14 10 | 4,27,346 7 2 | 1,96,784 2 5 | 2,30,562 4 9 | | |

I have the honour to be,

Sir,

Your most obedient servant,

C. M. FLANDERS, V.S.,

CAPTAIN, R.A.V.C.,

*Superintendent of Markets &*

*Slaughter Houses, etc.*

# A.

Statement showing the number of animals slaughtered, removed to Bombay, etc., and the slaughter fee levied thereon during 1922–1923.

| Description. | MONTHS. | | | | | | | | | | | | Total Number of Animals. | Total Slaughter Fee. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | April 1922. | May 1922. | June 1922. | July 1922. | August 1922. | September 1922. | October 1922. | November 1922. | December 1922. | January 1923. | February 1923. | March 1923. | | Rs. a. p. |
| Buffaloes ... ... ... ... ... | 821 | 993 | 990 | 1,023 | 1,023 | 988 | 950 | 886 | 916 | 848 | 773 | 798 | 11,009 | *1,35,780 0 0 |
| Cows. Bandra ... ... ... ... | 3,235 | 3,279 | 3,376 | 3,047 | 2,609 | 2,556 | 179 | 185 | 154 | 179 | 149 | 138 | 984 | *44,430 0 0 |
| Cows. Bombay ... ... ... ... | | | | | | | 2,768 | 3,226 | 3,504 | 3,677 | 3,285 | 3,510 | 38,062 | |
| Bullocks ... ... ... ... ... | 1,296 | 1,302 | 1,059 | 1,025 | 838 | 1,007 | 932 | 790 | 740 | 1,053 | 999 | 697 | 11,638 | *12,614 4 0 |
| Calves ... ... ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... |
| Sheep and goats for Bombay ... ... | 58,766 | 60,116 | 60,715 | 58,777 | 60,761 | 62,818 | 60,068 | 64,533 | 72,448 | 67,587 | 58,091 | 60,849 | 745,529 | *1,17,023 5 0 |
| " " " Mahim ... ... | 2,826 | 2,894 | 2,590 | 2,588 | 2,495 | 2,644 | 2,732 | 86 | ... | ... | ... | ... | 18,855 | *2,523 11 0 |
| " " " Bandra ... ... | 1,845 | 1,935 | 2,036 | 2,133 | 1,949 | 2,270 | 1,839 | 1,929 | 2,179 | 1,985 | 1,652 | 1,779 | 23,531 | *2,174 8 0 |
| Pigs at Arthur Road Slaughter House ... | 268 | 194 | 207 | 189 | 177 | 166 | 168 | 144 | 182 | 183 | 164 | 149 | 2,191 | 2,191 0 0 |
| Piglings " " " " ... | ... | 69 | 20 | 6 | 15 | 9 | 1 | 4 | 3 | 8 | 26 | 11 | 172 | 43 0 0 |
| Pigs for private slaughter ... ... | 5 | 9 | 6 | 8 | ... | 2 | 3 | 1 | 1 | 2 | 2 | 1 | 40 | 80 0 0 |
| Piglings " " ... ... | 12 | 17 | 1 | 1 | 2 | 8 | 7 | 23 | 8 | 3 | 6 | 2 | 90 | 22 8 0 |
| Live horned cattle removed to Bombay... | 87 | 80 | 49 | 128 | 250 | 43 | 80 | 27 | 42 | 92 | 70 | 57 | 1,005 | 5,025 0 0 |
| Live sheep and goats removed to Bombay | 3,869 | 3,964 | 4,540 | 5,042 | 5,737 | 3,225 | 3,616 | 3,937 | 4,643 | 5,409 | 4,228 | 3,346 | 51,556 | 25,778 0 0 |
| " " " for private slaughter ... | 6 | ... | ... | 2 | ... | 1 | ... | 1 | 1 | ... | ... | ... | 11 | 5 8 0 |
| " " " removed by DeLisle Road Market Fadkarees ... | 2,178 | 2,515 | 2,851 | 4,562 | 3,648 | 1,876 | 2,320 | 1,872 | 2,524 | 1,920 | 2,442 | 1,355 | 30,063 | 15,031 8 0 |
| Total ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 934,670 | 3,62,722 4 0 |

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* In these cases slaughter fee revised from 1st October 1922, *vide* Standing Committee Resolution No. 3844 of 2nd August 1922.

C. M. FLANDERS, V.S.,
CAPTAIN, R.A.V.C.,
*Superintendent of Markets.*

# EDUCATIONAL.

THE SCHOOLS COMMITTEE

of

THE BOMBAY MUNICIPALITY.

ADMINISTRATION REPORT FOR THE YEAR 1922-1923.

## I.—THE COMMITTEE.

The Committee's personnel.

1. The year under review was the last year of the Schools Committee, as constituted under the old Municipal Act, as it was prior to the coming into effect of "the City of Bombay Municipal Act Amendment Act VI of 1922." The entire Committee retired under Section 34 of this Act on 1st April 1923. It consisted of the undermentioned members on 1st April 1922 :—

Dr. Moreshwar Chintaman Javle, J.P.—*Chairman.*
Mr. Narayan Vishwanath Mandlik, B.A., LL.B., J. P.
Dr. Jehangir J. Cursetji, M.D., L.R.C.P., L.R.C.S.
Mr. Mirza Ali Mohomed Khan, M.A., LL.B.
Dr. Dinshaw Bamanji Pestanji Master, L.M. & S.
Mr. Mohomed Ismail Curtay, J.P.
Mr. N. M. Joshi, B.A.
Mr. Fazul Ibrahim Rahimtulla, B.A.
Mr. B. N. Motivala, B.A., LL.B.
* Dr. Kashibai Nowrange, B.A., L.M. & S.
* Miss B. A. Engineer, M.B.E., M.A., LL.B.
*Dr. T. M. Kajiji, M.A., LL.D., Bar.-at-Law.
*Mr. M. R. Jayakar, M.A., LL.B., Bar.-at-Law.
Dr. Rastomji N. R. Ranina, L.M. & S., J.P.
Rao Bahadur A. K. Pai, B. A.
Mr. Jamnadas M. Mehta, M.A., LL.B., Bar-at-Law.

*Members.*

Rao Bahadur D. G. Padhye, M.A., J.P.

*Secretary.*

The last named two gentlemen had come in as new members with effect from the very first day of the year in place of Dr. Nadirshaw H. E. Sukhia, who had resigned his seat in the Committee and of Rao Saheb Manaji Rajooji Kalewar, who having ceased to be a member of the Corporation, had also ceased to be a member of the Committee.

The Chairman.

2. Dr. M. C. Javle's term of office as Chairman expired on 18th January 1923 and Mr. Fazul Ibrahim Rahimtulla was elected Chairman for the year ensuing, on 24th January. The Committee "tendered" on this occasion its "best thanks to Dr. Javle for his able, diligent and conscientious discharge of duties during his term of office."

Retiring Members.

3. The four most senior members who, under the Law, retired at the end of the calendar year 1922 were :—

Mr. Narayan Vishwanath Mandlik, B.A., LL.B., J.P.
Dr. Jehangir J. Cursetji, M.D., L.R.C.P., L.R.C.S.
Mr. Mirza Ali Mohomed Khan, M.A., LL.B.
Mr. N. M. Joshi, B.A.

They were all re-elected.

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* These four members were the four to be elected from outside those who were then members of the Municipal Corporation

Committee Meetings.

4. During the year under review, the Committee held in all 19 meetings, 11 of them being ordinary monthly meetings, 6 adjourned and 2 special ones.

Sub-Committees.

5. Besides the inspection of Municipal Schools allotted to the members severally under Bye-law No. 7, (2) and (3,) very considerable work of a variety of character was done by reference to Sub-committees. There were eleven such committees, besides the two standing committees, amalgamated in the course of the year into one, for (*a*) the inspection of new premises to be rented for schools and for (*b*) considering the Secretary's proposals for the opening of new schools or taking over private schools. Of these Sub-Committees, special mention deserves to be made of those to whom were referred the questions of Free and Compulsory Education, the teachers' demands for further revision of salaries, possible retrenchments, the education of Moslem Girls and the conduct of the Vernacular IVth Standard Examination held under Government supervision.

The Secretary and Office Staff.

6. R. B. D. G. Padhye, M.A., J.P., continued to be the Secretary of the Committee and worked as such during the year, except that he went on privilege leave from 2nd May to 15th July during which time Mr. H. G. Anjaria, M.A., LL.B., Superintendent, Municipal Gujarati Schools, acted as Secretary. The staff of the Committee's Office, working under Mr. Shamrao N. Chachad as Chief Clerk, was strengthened by the addition of two hands and to all of them was extended the benefit of the new revised Scale of Salaries adopted by the Corporation for all the other Departments of the Municipality.

## II.—General Progress.

General progress and adoption of programme for immediate introduction of Free and Compulsory Education.

7. The year under review was another year of steady and sustained advance all round. It marked the attainment of a definite stage in the progress of the Scheme for rapid expansion and improvement, which, with the approval of the Corporation and the Government, was launched in 1917-18, and under which, after as full an advance as possible under a system of voluntary attendance, Free and Compulsory Education was to be introduced in the eleventh year, *i.e.*, the year 1928-29. Mention was made, in the last year's Report, of the Schools Committee having, in response to earnest and widely expressed popular feeling, revised their original programme so as to materially quicken the pace of advance, and submitted to the Corporation in November 1921 fresh proposals for the immediate introduction of Compulsion in certain parts of the City and its full extension in the other parts, all within three years. The Corporation accorded to these proposals a general approval under their Resolution No. 3695 of 27th July 1922, and selecting the F and G Wards for the inauguration of compulsion, called upon the Schools Committee to submit in full detail definite proposals for the same. The Committee accordingly prepared the required Scheme in all completeness and submitted it under their No. 4242 of 25th October 1922. The total extra cost of thus introducing Free and Compulsory Education in the F. and G. Wards was estimated at Rs. 2,60,000 initial and non-recurring, and Rs. 7,25,000 recurring for the first year. The total expenditure on introduction of compulsion throughout the City in three years was estimated at Rs. 55 Lakhs, the total number of children to be provided for being estimated, as per the Census figures of 1921, at nearly 120,000, whereof only 50,000 are at present in School—in Municipal Schools or Aided and Recognized Schools together. To begin with, it was proposed to exclude Moslem Girls, but this mainly for want of sufficient number of competent teachers, which deficiency however it was intended to take effective means to speedily remedy. Heavy as the financial responsibility of this undertaking was, the Corporation faced it with cheer and at a Special Meeting held as required under the Law (City of Bombay Primary Education Act XV of 1920), with one unanimous voice adopted their Resolution No. 9158, according their approval and sanction to the Schools Committee's proposals. The 1st of July 1923 was set down as the date for the inauguration of the Scheme, and Government were requested to give their sanction, as required under Section 3 of the Act, assurance being given that the Corporation had at command resources enough to find the funds required. The Corporation had thus done all that lay in its power, but just when the ripe fruit seemed ready to hand, came in unforeseen difficulties and to-day (October 1923) the situation, as explained in the para. following, is such that it is impossible to say when and how the eagerly looked for consummation of the Scheme of 1917-18 will be an accomplished fact.

Differences with Government impeding progress.

8. The difficulties above referred to are certain differences of view that have arisen between the Government and the Corporation in regard to the Government contribution towards the cost of Primary Education in the City. The questions at issue range round the nature and obligatory character of Government Order, Education Department No. 499 of 10th February 1919, under which, on approval of the Scheme of 1917-18, Government definitely undertook to share equally with the

Corporation from year to year all excess expenditure over the Budget estimates for 1917-18. The original estimates of cost, however, have been greatly increased. They have risen nearly *cent per cent* under the pressure of the new conditions coming in the wake of the Great War—heavy rise of prices compelling a corresponding raising of salaries, abnormal rise of rents, and great increase in the cost of School Furniture and other equipment. The yearly Grants due by Government are thus exceeding the original estimates and the increase would be very large on introduction of Free and Compulsory Education as per the new Scheme adopted by the Corporation. Moreover, the new " Bombay (Presidency) Primary Education Act IV of 1923 " fixes one-half the expenditure as the Government Grant for expenditure on Free and Compulsory Education claimable by all City Municipalities. Then, the Bombay Corporation desire the adoption of a more liberal system of Grants-in-Aid than that prescribed by the Government Code, sanction to which would also increase the Government Share. Next, there are other items, which Government do not consider, come strictly within the limits of expenditure on Primary Education which alone they were called on to Share. Should not then the Government Order, Education Department No. 499 of 10th February 1919, be now reconsidered and revised and the general question of Ways and Means placed upon a new and more durable and satisfactory basis ? These are the issues on which discussions are at present going on between Government and the Corporation, and it seems that on their happy and concordant solution depends the fate of the Scheme for the immediate beginning of the three years' programme of introducing Free and Compulsory Education throughout the City, referred to in paragraph 7 above.

New Schools.

9. The net growth in the number of Municipal Schools during the year under review was 36, bringing the total number to 334, 42 of them being Night Schools. The new Schools opened were 35, whilst 2 Aided Schools were taken over and 1 of them was amalgamated with a Municipal School, the distribution thus resulting being as follows :—

| Kind of Schools. | Marathi. | Gujarati. | Urdu. | Total. |
|---|---|---|---|---|
| Boys' Day Schools ... ... ... ... ... | 5 | 3 | 2 | 10 |
| Girls' do. ... ... ... ... ... | 3 | 3 | 11 | 17 |
| Night Schools ... ... ... ... ... ... | 3 | ... | 6 | 9 |
| Total ... | 11 | 6 | 19 | 36 |

Furthering the Education of Moslem Girls.

10. The opening of 11 new Urdu Girls' Schools has a significance of its own. For want of Lady Teachers of even rudimentarily minimum qualifications on the Urdu side, the general practice hitherto was to rest contented with a small number of Urdu Girls' Schools and provide for new-comer Moslem girls in special classes in Boys' Schools, some of them in charge of Lady Teachers. These doubly mixed Schools however were not, and for obvious reasons could not be popular on the Urdu side, certainly no more than experience had shown they were on either the Marathi or the Gujarati side. Special efforts were, therefore, begun from 1921-22 to bring the education of Moslem girls in line with that of Marathi and Gujarati girls. Even with fewer Schools, therefore, an Assistant Lady Superintendent (Mrs. A. A. Bawa) was appointed also on the Urdu side and Miss Wells, another lady of higher qualifications, was imported as special Headmistress. A Lady Teachers' Training Class was opened under Miss Wells and higher classes opened in three Girls' Schools. The Training Class proving a popular institution making good provision for the Training of our Lady Teachers, the girls of 11 prominent mixed Urdu Schools were separated from the Boys, and with them as nucleus independent Schools were started, bringing the total number of Urdu Girls' Schools to 31 as compared to 46 Marathi and 29 Gujarati Schools. In the result the total number of Girls in the Urdu Girls' Schools showed in the year under review the highly satisfactory increase from 2,237 to 2,999, *i.e.*. 34 per cent.

Growth of pupils in Municipal, Aided and Non-recognized Schools.

11. The number of pupils at the end of the year was 36,840, being an increase of 1,778 as against last year's increase of 2,851 and the increase per year of 1,500 anticipated in the Scheme of 1917-18. The average number on rolls rose from 33,550 to 36,527. It would thus seem that the great fluctuations of population during the War times had come to an end and the days of measured steady rises come back again. The Private Schools showed no recovery in the year. The Aided Schools at the beginning of the year numbered 147. Of these 2 were, at the request of the Proprietors, taken over to be managed as Municipal Schools and 5 closed. But 7 New Schools were put on the Register, so that the number 147 remained unchanged. The pupils attending them however fell down from 15,386 to 15,042. The Unrecognized Schools, worth noting, fell down in number from 79 to 57 and the pupils from 5,643 to 4,109.

Receipts and Expenditure Government Grant, Trust Funds.

12. The year opened with an opening Balance of Rs. 60,138-15-11 and closed with a Balance of Rs. 12,484-0-8. The total Expenditure was Rs. 22,23,892 and Receipts Rs. 21,76,237, whereof Rs. 21,09,260 was the Municipal Grant. The corresponding figures for 1921-22 were Rs. 19,63,573, Rs. 19,31,065 and Rs. 18,79,340 respectively. The amount of Government Contribution claimable for the year under review is Rs. 7,49,369, excluding the expenditure on the Schools Committee's Secretary and Head Office. The claim made last year was for Rs. 6,43,880 but only Rs. 4,41,833 out of it have been paid, the payment of the remaining Rs. 2,02,047 being apparently left pending till the differences referred to in para. 8 above are settled. It may be mentioned that the Trust Funds in the hands of the Schools Committee given for specific or general purposes total Government Paper and other Securities of the nominal value of Rs. 1,18,300. Detailed Accounts under the two Heads mentioned above are given in Appendix A and B.

Donations and Gifts.

13. Two donations or gifts that came into the Committee's charge during the year under review, deserve special mention. One was a sum of Rs. 25,000 paid by Bai Janabai Rokde, Proprietress of a popular Marathi Boys' School of long standing, founded by and named after her father, namely, the Madhavrao Rokde Free Boys' School, on the condition that the said School be taken over by the Schools Committee to be maintained as a Free Municipal School and located in a building of its own. The second gift was that of a small but nicely built building with a compound and outdoor Gymnastic Apparatus at Antop Hill, Matunga, from Khan Bahadur Hakim Dayam, on the condition that the Schools Committee should undertake to open and maintain a Marathi Boys' School in the building under the name of the Haji Ismail Haji Alana School, specially for the benefit of the children of the men of the Government Salt Department working there. There were also a number of smaller presents to various Schools, such as Bales of Cloth (for Nirashrit Schools), Charakas, drinking vessels, books, etc., for all of which the Committee's best thanks are due to the kind donors.

Examination Results and Inspection.

14. The year under review was devoted more to consolidation than innovation, and one feature thereof was to fully maintain the efficiency of the Municipal Schools at a high level. They stood well the tests of the Annual Inspection which on behalf of Government was conducted by Mr. B. N. Desai, B.A., Deputy Educational Inspector, and his Assistants. The concrete tests of Examinations gave satisfactory results. At the Government Vernacular IVth Standard Public Examination, 1,721 out of 2,378 sent up, *i. e.* 72 per cent. passed as against 1,454 out of 2,118, or 68 per cent. in the previous year. The Marathi Schools passed 1,205 out of 1680, the Gujarati Schools 399 out of 526 and the Urdu Schools 117 out of 172. At the Vernacular Final Examination 13 passed out of 19 sent up by Marathi Schools and 10 out of 24 by Urdu Schools. The 3 Marathi half A.-V. Schools claimed 5 passes in all branches of the 1st Grade Drawing Examination and earned Rs. 223 as Government Grant. The Urdu Schools secured two Miss Mary Carpenter Scholarships. Of the 6 Government Middle School Scholarships of the year, one was won by a Marathi and another by an Urdu School.

Prizes, Scholarships and Educational Requisites, Literary and Technical.

15. The policy of encouraging special merit and helping specially those classes that are backwards in Education was followed with a free hand.For prizes for the year were assigned Rs. 10,600 as against Rs. 8,800, of the previous year. 156 Scholarships for Girls' Schools and the Higher Classes of Nirashrit and Moslem Schools were given of the aggregate value of Rs. 479 per month. Sewing materials were supplied of the value of Rs. 10,200 and Drawing materials of the value of Rs. 4,800, both of same value as for the last year. Rs. 49,478 were spent in all for Furniture and Educational Requisites for New and Old Schools as against Rs. 38,915 for 1921-22.

The annual Art and Handi-Craft Exhibition and Competitive Sport.

16. As a significant complement of the literary efficiency and activities indicated by the facts and figures given in the preceding two paras. is to be mentioned the Annual Exhibition of Art and Handi-work and Competitive Sports, which were this year held more systematically and methodically than before and the several functions in connection with which passed off smoothly and successfully. The Exhibition consists of select specimens (executed both at special examinations as well as during the year in School), of (*a*) Sewing and Needle-work from all Girls' Schools, and of (*b*) Hand-writing, (*c*) Drawing, (*d*) Paper and Clay Sloyd-work, (*e*) Carpentry Manual Training and (*f*) other Art Handi-work from both Boys' and Girls' Schools. The Competitive Sports embrace Music, Musical Drill and Games for Girls and Wrestling, Running, Jumping and select Indian and English Gymnastic exercises. The leading idea of the Exhibition is that a necessary constituent of Education must be the training of the eye and the hand *plus* some positive accomplishment at least for Girls. As for the Sports their far-reaching effects in promoting health and cultivating general *morale* and *esprit de corps* need no special elucidation. The Exhibition and the Sports began with an imposing opening ceremony, held on Saturday, the 7th of April, under the Presidency of Mr. Fazul Ibrahim Rahimtulla, F. A., the Chairman of the Schools Committee, that

retired on 1st April 1923. The concluding Prize Distribution Ceremony was held on Friday, the 20th April, Mr. V. J. Patel, Bar.-at-Law, the new Chairman of the Committee presiding, and Dr. Kashibai Nowrange, B.A., L.M. & S., Senior Lady Member, giving away the Challenge Shields and Prizes. The audience on this occasion was phenomenal. Very large indeed were the numbers that visited the exhibition during the three days it was kept open to the general public. The pupils of all Municipal Schools were given an opportunity to pay a visit to the exhibition. Some private schools too visited the exhibition collectively. There was quite a chorus of approval of the exhibition and the exhibits from the visitors and from the local press perhaps with one exception. Defects there were, and so too friendly criticism and suggestions which will be duly attended to—specially the suggestion to make the maximum use possible of *Swadeshi* materials in preparing the exhibits and that to exhibit only select articles of a higher type. The awards at the Exhibition and the Sports were as follows :—

| | No. of Prizes. | Value of Prizes. |
|---|---|---|
| (*a*) *For Girls only*— | | Rs. |
| Needle work including spinning .. .. .. | 296 | 630 |
| Music .. .. .. .. .. .. .. .. | 91 | 195 |
| Musical drill in groups .. .. .. .. .. | 10 | 100 |
| (*b*) *For Boys and Girls both*— | | |
| Handwriting .. .. .. .. .. .. | 80 | 120 |
| Drawing .. .. .. .. .. .. | 76 | 100 |
| Handi work .. .. .. .. .. .. | 148 | 250 |
| Sports .. .. .. .. .. .. .. | 283 | 643 |
| Miscellaneous .. .. .. .. .. .. | .. | 27 |
| | 984 | 2,065 |

The trophies of the Exhibition and the Sports.

17. The number of Challenge Shields given away in connection with the exhibition and the sports were increased from 6 to 14, the newly added 8 shields being all of second class. They were awardable to schools, on the three sides, and to Boys' and Girls' Schools separately, on obtaining prizes of highest value in the aggregate. The winners of the year were :—

(*A*)—*No. I Shields* :—

1. The Lamington Road Marathi Girls' School.
2. The S. S. Bengalee Gujarati Girls' School.
3. The Underia Street Urdu Girls' School.
4. The Kamathipura Marathi Nirashrit Boys' School.
5. The Poibavdi Gujarati Boys' School.
6. The Nagpada Urdu Boys' School.

(*B*)—*No. II Shields* :—

7. The Dadar-Kumbharwada Marathi Girls' School.
8. The Breach Candy Marathi Girls' School.
9. The Kalbadevi Gujarati Girls' School.
10. The Valibai Gujarati Girls' School.
11. The Ghogari Moholla Urdu Girls' School.
12. The Chinchpoogli Marathi Boys' School.
13. The Bapty Road Gujarati Nir. Boys' School.
14. The Madanpura Urdu Boys' School.

N. *B.*—For Girls' Schools that made a good show of articles made during the year and for select articles made individually by Girls as well as the Sewing Mistresses, Certificates of Merit were given, numbering in all 151.

Gatherings, Boy Scouts and Girl Guides.

18. As auxiliaries to the Exhibition and the Sports in fostering *esprit de corps* and a feeling of Brotherhood among Municipal School Children, have to be mentioned the Local Prize Distributions held in various Schools and the *Garbha* Gatherings of the Navratra, which were held in almost every Gujarati Girls' School with the help, for presents and expenses, of benevolent neighbours. Some Schools organized small parties and excursions. Last but not least are to be mentioned the Municipal Boy Scout and Girl Guide Corps, which

rose in number from 2 to 3 in the year, one being the Girgaum Corps embracing about a dozen Marathi Boys' and Girls' Schools, another being the Bhuleshwar Corps, representing a dozen Gujarati Boys' and Girls' Schools, and the third, the Nagpada Corps, consisting of Urdu School Boys only. The latter was the new addition of the year. All these Corps, specially the Girgaum Corps, gave a very good account of themselves at both the Opening and the Prize-giving ceremony of the Exhibition and the Sports.

Training of Teachers.

19. The policy of fostering the attainment of higher literary and technical qualifications by the Municipal School Teachers was continued unabated during the year under review. As against the reserved 125 seats for Bombay Municipal stipendiaries at the Ahmedabad and Poona *cum* Dhulia Government Vernacular Training Colleges for Men and Women, there were maintained in the year 26 Males and 21 Females on the Marathi side, 20 Males and 11 Females on the Gujarati side, and 24 Males and no Females on the Urdu side, in all 70 Males and 32 Females. The amount spent on stipends during the year came to Rs. 22.693. 42 Stipendiaries of ours returned with Training Certificates. Besides these, 52 Bombay Municipal School Teachers obtained *de novo* or Higher Training Certificates, either by passing the Examinations " from outside " or (and this to a large extent) after study at the Seva Sadan and the Vanita Vishram Training Classes, which are doing the highly commendable work of enabling Lady Teachers to continue in service and yet study for Higher Certificates bringing on higher emoluments. Their one drawback is the great strain this double work entails on the Lady Teachers *cum* students, and it is to be hoped some way out of it may be found. As auxiliaries to these, we have the Municipal Training Classes for coaching up our Teachers for the local test of " Qualified Teachers," which stands midway between the Vernacular Final and the First Year Certificate tests, and in the case of Females and Depressed Class Teachers also for he Vernacular Final and the two Lower Standards. We had classes for Males only before. Classes for Marathi and Urdu Lady Teachers were opened during the year under review. The Teacher-students of these classes on roll in the year were over 100, out of whom 64 appeared at and 40 passed the " Qualified Teachers " test. The total expenditure on the Training Classes and retraining of teachers during the year was Rs. 10,838.

A Montessori Experiment.

20. Two Lady Teachers who had been deputed to be coached in the Montessori system to the locally conducted Secondary Female Teachers' Training College of Miss Nixon, now closed in her absence, returned with certificates and classes organized as per that system have been placed in their charge at the South Girgaum Marathi and the Valibai Gujarati Girls' Schools. The experiment is being watched with care, but the great difficulty is to obtain the necessary kit suited to Indian Children.

Premises for Schools.

21. No new Municipal Building for Schools was added in the year to the previous eleven ones. The policy of securing for Schools better accommodation, wherever possible, was however pursued with usual vigilance. Leaving aside the ease of new Schools opened in the year, 34 old Schools were removed to better premises and 23 others were provided with additional accommodation. Improvement of School accommodation is no doubt a prime requisite of a good Educational system, but it means heavy cost with the yet inflated rents ruling in Bombay. The year's expenditure under this head was Rs. 3,56,535 which worked up to 16 per cent. of the total expenditure. It is further of interest to note that even to retain the present premises of three Schools for a reasonable period, aid had to be sought of legal processes.

Aided Schools—Administration of Grants transferred to Schools Committee.

22. The policy of vesting all responsibility and control in regard to Primary Education in the City, in the Schools Committee on behalf of the Corporation, embodied in the Bombay Municipal Act Amendment Act III of 1907, known as the Police Charges Act, had its completion in the year under review by the handing over in entirety to the Schools Committee by Government of the Administration of Grants-in-Aid to the Private Primary Schools in the City. Last year the assessing of Grants was given over and this year, as its necessary corollary, the Inspection of the Aided Schools. To discharge these new duties, a new post of the Superintendent for Aided Schools was created, the same being conferred upon Mr. B. R. Manerikar, B.A., Senior Assistant Superintendent (Marathi side). The Aided Schools have fared well under the new arrangement. The total amount of Grants paid as for 1920-21 was Rs. 1,00,878 for 161 Schools, that paid for 1921-22 was Rs. 1,44,500 for 147 Schools and that for 1922-23, the year under review, Rs. 1,44,795 for 147 Schools again. Appeals from a few Schools for larger Grants are still under consideration. Thus the average amount of grant per School rose within two years of the Schools Committee's control, from Rs. 620 to Rs. 980. The new Scheme under which the Grants are to rise to over one-half expenditure, instead of the present one-third maximum, has not yet, it must be mentioned in conclusion, obtained the Government sanction necessary under the Law.

Dental Clinics and Miscellaneous.

23. The introduction of travelling curative Dental Clinics under a specialist, of which details are given under the Head of Medical Inspection, was a new departure of potential importance that signalised the year. Some miscellaneous statements may be added by way of concluding this general review. The number of Ordinary Teachers increased during the year from 1,558 to 1,671 and that of Special Teachers for Scouting, Drill, Drawing, Music, Needlework and English in Girls' Schools rose from 112 to 131. The Schools for the Depressed Classes numbered 23, against 22 of the last year, 15 of them being Marathi and 8 Gujarati Schools. The Girls' Schools numbered 3. Their total number on rolls was 3,139, of whom 2,295 Boys and 258 Girls were Marathas and 423 Boys and 163 Girls Gujaratis. The corresponding figures for the previous year were 2,857, 2,000, 324, 378 and 155. The Night Schools at the end of the year were 42—an increase of 9—the pupils increasing from 1,136 to 1,282. The two Marathi Schools had 104 pupils, marking a decrease of 56. Four new permissions were given for the gratis use of Municipal Schools for Literary Societies, bringing the total number of such loans to 45. Out of these 40 loans are for Schools conducted by such Institutions as the Prarthana Samaj, the Social Service League and the Y. M. H. Association. Their pupils numbered 1,575.

## III.—The Supervising Staff.

Superintendents and Assistant Superintendents.

24. A very important and somewhat unique position is held in the superstructure of Primary Education in Bombay by the Superintendents of the Municipal Schools, so named to distinguish them from the Government Educational Inspectors. They fill a varied role. Acting under the general supervision of the Secretary they render great help in general administration, keeping themselves in personal touch with the teachers. They inspect the Schools off and on and guide the teachers as to the right way to perform their duties. They personally conduct the Annual Examinations of all of them. They render great service to Government by helping their Officers in the conduct of the Public Vernacular IVth Standard Examination. There are, besides the Superintendent for Aided Schools, three Superintendents for the three kinds of Schools, the Schools, Committee maintains, and each one has a competent Lady Assistant to be in special charge of the Girls' Schools. There are other Assistants of two different Grades, one that of Deputy Superintendents being generally meant to be the reward of the best amongst the teachers. The personnel of the Superintending Staff as it was during the year under review is given below. All of them discharged their duties satisfactorily, the Ladies proving full equals to their Male colleagues. Mr. H. G. Anjaria acted as Secretary for 2½ months and acquitted himself creditably. Mr. K. B. Padgaokar along with Mr. Shamrao N. Chachad, Chief Clerk of the Committee's Office, were told off to do during the year the very important work of preparing a complete Service Record of all the employés of the department from its very inception and they did it very well. Mr. B. R. Manerikar, the Superintendent for Aided Schools, had, in the year, only four months at his disposal, having been appointed in December 1922. Yet with some cheerful help from the other Superintendents he managed to inspect once, all the 147 Aided Schools. A word in conclusion is due to the Clerks. Like the Superintendents they have heavy work to do and a word of praise is due to them for their bearing the burden with cheer.

### *A.—Municipal Schools.*

(A) *The Marathi Schools*—Total 152 Schools; Pupils 19,499.

1. Superintendent—Mr. K. B. Padgaokar, B.A.
2. Asstt. Superintendent—Mr. B. R. Manerikar, B.A. (Appointed Superintendent, Aided Schools, from 28th November 1922).

   Asst. Superintendent—Mr. N. G. Limaye, B.A., L.T., from 28th November 1922.
3. Asstt. Lady Superintendent—Mrs. Shantabai Kashalkar, B.A.
4. Deputy Superintendent—Mr. D. B. Kulkarni, Matric and Third-Year Trained.

*N.B.*—The above Officers paid 217, 267, 128, 375 and 429 visits to Schools respectively.

(B) *The Gujarati Schools*—Total 74 Schools, with 7,868 Pupils.

1. Superintendent—Mr. H. G. Anjaria, M.A., LL.B.
2. Asstt. Lady Superintendent—Miss Serene Dallas, M.A.

*N.B.*—Mr. Anjaria acted for the Secretary from 2nd May 1922 to 15th July 1922 and Miss Dallas acted for Mr. Anjaria from 20th May 1922 and Mr. C. L. Bakshi, B.A., L.T., Headmaster, Gujarati Teachers' Training Class, acted in Miss Dallas' place. Miss Dallas was on privilege leave from 27th April 1922 to 19th May 1922. Mr. Anjaria paid 331 visits to Schools. Miss Dallas 509 and Mr. Bakshi 68.

(C) *The Urdu Schools*—Total 108 Schools with 9,473 Pupils.

1. Superintendent—Mr. A. R. Bhaiji, B.A.
2. Assistant Lady Superintendent—Mrs. A. A. Bawa, Matric Trained.
3. Deputy Superintendent—Mr. Shaikh Ahmed Shaikh Amir, Third Year Trained.

*N.B.*—Mr. Bhaiji was on privilege leave from 1st May 1922 to 19th July 1922, and Mr. Shaikh Ahmed Shaikh Amir acted for him. Mrs. Bawa was on leave from 1st February 1923. Their visits numbered 331, 709 and 402 respectively.

### *B.—The Aided Schools.*

*The Aided Schools*—Total 147 Schools ; Pupils 15,042.

1. Superintendent—Mr. B. R. Manerikar, B.A. (Appointed on 28th November 1922).

He paid 267 visits as Assistant Superintendent from April to November 1922 and 160 visits to Aided Schools after his appointment as Superintendent for them in December 1922.

## IV.—MEDICAL INSPECTION.

The personnel.

25. The establishment for the Medical Inspection of the children and Teachers of Municipal Schools was constituted as follows :—

### *A.—General.*

| | | |
|---|---|---|
| 1. | Dr. G. V. Kher, L.M. & S. | Medical Inspector. |
| 2. | Dr. (Miss) Gulbai M. Doctor, L.M. & S. | Medical Inspectress. |
| 3. | Dr. V. D. Afinwala, L.M. & S. | Medical Inspector. |
| 4. | Dr. P. P. Narielwala, L.M. & S. | Assistants. |
| 5. | Dr. V. J. Gidh, L.M. & S. | |
| 6. | Miss Tarabai Rajapurkar, Trained Midwife and Nurse | |

### *B.—Dental Clinics.*

7. Dr. S. M. Khambata, D.D.S.—Dental Surgeon (Appointed on 11th September 1922).

The work and duties.

26. The duties performed by these Inspectors at present are (*a*) the inspection of all new admissions, (*b*) re-examination of all every three years and every six months of specially marked cases, (*c*) intimation to parents and guardians of ailments and defects discovered, (*d*) the giving to those parents and guardians, who so wish, Cards securing special care at Municipal Dispensaries. Each of them has also to give 12 Lectures in the year to the boys and parents and guardians. A most welcome addition of the year was travelling Dental Clinics as mentioned in para. 23 above. The Medical Inspectors and their Assistants have all their heart in the work and what is specially gratifying is that they work in co-operation with each other and in harmony. The fruitfulness of the system will appear from the following facts and figures.

Boys' Schools—1st set.

27. Drs. Kher and Narielwala worked together. They visited 94 Schools, 76 of them twice and 18 once. The total number of children examined was 7,506, out of whom 2,995 were re-examined being marked cases. So high as 69 was the percentage of the children who at the first examination were found to have one ailment or another. The cases of Malnutrition showed a percentage of 34, bad eyes 28, defective tooth 30, and defects of throat 10. 2,388 intimations of ailments were sent to the parents and guardians and 1,517 of them had replies, 1,080 Cards for treatment at Municipal Dispensaries were issued, 20 per cent. of the cases found effective at the first visit were cured. In 438 cases private treatment was resorted to mostly with success. 12 Lectures were delivered by Dr. Kher.

Girls' Schools.

28. Dr. (Miss) Gulbai with her Assistant Miss Tarabai visited 76 Schools, examining a total of 5,207 children, out of whom the number of marked cases re-examined was 1,980. 71 per cent. of the children were found at the first examination to have one defect or another. Out of the marked cases examined twice, 30 per cent. showed improvement, 10 per cent. deterioration, 20 per cent. complete recovery and about 40 per cent. the same condition as before. Amongst 1,980 children found having some ailment, Malnutrition claimed a percentage of 30, Eye disease 27 per cent., Tooth disease 34 and Throat complaints 16. 2,350 intimations were sent to the parents and guardians. The replies received were 1,125 and the Cards issued for treatment at Municipal Dispensaries were 440, whilst 685 cases preferred private treatment. Dr. Gulbai delivered 12 Lectures.

Boys' Schools—2nd set.

29. Drs. Afinwala and Gidh visited 91 Schools and examined 6,531 children out of whom 5,095 were cases of first examination and 1,442 of a second one. 1,420 children out of 5,095, *i.e.*, 28 per cent. were found to have one defect or another. Their tests included difficult ones for Vision as well as Hearing. Tooth complaints claimed a percentage of 10, bad eyes 4, lungs 4, throat 2 and Malnutrition 38. The intimations sent were 1,714 and 1,608 Cards for treatment at the Municipal Dispensaries were issued. Dr. Afinwala too gave 12 Lectures.

Dental treatment.

30. The travelling Dental Clinics in charge of Dr. Khambata, specialist, who works only as a half-timer, was, it will be seen from the above figures, introduced none too soon. Next to Malnutrition, the parent of rickets, scrofula and general weakness, which claimed 30 to 38 per cent. cases and call for such remedies as free milk supply and fresh air excursions, come in tooth diseases, another great source of ill-health. The system followed in regard to Dental Clinics is that to a travelling Hospital moving from Centre to Centre come in children of a group of adjoining Schools, whose teeth are found defective by the general Medical Examiners and whose parents and guardians have given consent to be treated by Dr. Khambata. In this manner during the 6½ months that elapsed in the year under review since his appointment on 11th September 1922, he carried on his operations in 15 Central Schools, working on 76 days. He made 685 operations on 156 Boys and 105 Girls, the operations consisting of 457 fillings of decayed teeth, 176 extractions and 52 general treatment.

Growing appreciation and fruitfulness.

31. There are full indications of the Medical Inspection's growing hold on the public and its usefulness. More and more attention is given to the intimations of ailments and there is a corresponding increase of both private treatments and demands of Cards for treatment at the Municipal Dispensaries. The success of Dental Clinics shows that the next stop should be to have such Clinics for the ear and the eye and the ultimate development of the establishment of School Clinics or special Children's Dispensaries at suitable Centres. The 12 Lectures of the Medical Inspectors are securing larger audiences both of children and parents and guardians. What is told is more and more grasped, and, what is more, acted upon. In the result, the percentage amongst the children of Municipal Schools of such contagious skin diseases, born of uncleanliness, as itches and ringworm, is steadily going down and down. The secret of a nation's health and strength would seem to be vitally centred in a good system of children's special Clinics.

* * *

## V.—THE TEACHERS' TRAINING CLASSES.

The personnel.

32. The establishment for the Teachers' Training Classes consisted of the following persons :—

(A) *Males :—Marathi Teachers' Training Class—*

1. Mr. N. G. Limaye, B.A., L.T.—Headmaster, transferred to Assistant Superintendent's post on 28th November 1922.

Mr. D. K. Ghanekar, B.A., L.T.—Headmaster, appointed on 6th March 1923.

2. Mr. S. V. Kulkarni, 3rd Year Trained }
3. Mr. N. V. Ghaisas, 3rd Year Trained } Assistants.

*Females :—*

4. Mrs. Sunder G. Talpade, B. A.—Appointed on 1st October 1922, Lady Assistant.

5. Mrs. Trivenibai Patil, Matric—Appointed on 8th February 1923, Lady Assistant.

6. Miss Pachuben Khote, B.A.—Appointed on 1st March 1923, Lady Assistant.

(B) *Gujarati Teachers' Training Class :—*

1. Mr. C. I. Bakshi, B.A., L.T.—Headmaster.

2. Mr. Trimbaklal Motiram, 3rd Year Trained, Assistant.

3. Mr. Chunilal Kuberdas, 3rd Year Trained, Assistant.

(C) *Urdu Teachers' Training Class*—

*Males* :—

1. Mr. Ahmedali Nurbhoy, B.A.—Headmaster, appointed on 18th September 1922.
2. Mr. Mahomed Isabhoy Patel, 3rd Year Trained, Assistant.
3. Mr. Abdullakhan Vazirkhan, 3rd Year Trained, do.
4. Mr. Sayed Muzafar Yezdanani, do. do.
5. Mr. Mahomed Ishak Abdul Karim, do. do.
6. Mr. Minazuddin Zaluruddin, do. do.

*Females* :—

7. Miss E. F. Wells,—Lady Assistant.
8. Bai Hafsabi Abdur Rahim, do.
9. Mehdi Begam Sayed Hasan, do.

Training and Re-training.

33. The Teachers' Training Classes are intended to coach up teachers for the local Qualified Teachers' test. Females for whom the passing of the Vth Standard Vernacular is the admission test on the Marathi and Gujarati sides and none at all on the Urdu side have also Classes for teaching them. So too Depressed Class teachers. Attendance for a year at these Training Classes is also necessary for a certain class of old Untrained Teachers whom the Committee grants the rank of "Qualified Teachers" on attainment of 35 years age, and completion of 10 years' service. Another important part of the duties of these Headmasters of Teachers' Training Classes is that under their supervision are sent for retraining for a term in chosen schools small batches of teachers of attainment not higher than the 1st Year Training Examination. The good results of these classes are stated in para. 19 above.

* * * * *

## VI.—THE TEACHERS AND OTHER EMPLOYEES.

Teachers—Number and classification.

34. The following table shows the total number of ordinary teachers for the different kinds of Municipal Schools for the year under review and the previous year :—

Number of Teachers for the year 1922-1923.

| Class of Teachers. | Trained. | | | Untrained. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. |
| Marathi ... ... ... | 329 | 154 | 483 | 258 | 98 | 356 | 587 | 252 | 839 |
| Gujarati ... ... ... | 156 | 131 | 287 | 72 | 31 | 103 | 228 | 162 | 390 |
| Urdu ... ... ... | 105 | 4 | 109 | 233 | 100 | 333 | 338 | 104 | 442 |
| Total ... | 590 | 289 | 879 | 563 | 229 | 792 | 1,135 | 518 | 1,671 |

Number of Teachers for the year 1921-1922.

| Class of Teachers. | Trained. | | | Untrained. | | | Total. | | |
|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. |
| Marathi ... ... ... | 312 | 138 | 450 | 235 | 89 | 324 | 547 | 227 | 774 |
| Gujarati ... .. ... | 147 | 123 | 270 | 69 | 30 | 99 | 216 | 153 | 369 |
| Urdu ... ... ... | 88 | 3 | 91 | 228 | 96 | 324 | 316 | 99 | 415 |
| Total ... | 547 | 264 | 811 | 532 | 215 | 747 | 1,079 | 479 | 1,558 |

Progress

35. The increase in the number of teachers was 113. The percentage of trained teachers which was 52½ per cent. remained almost the same and may in itself be regarded as fairly good, specially in view of the fact that the above given figure of all untrained teachers includes about 150 teachers who have passed the local Qualified Teachers' Examination and are near to 1st year trained persons.

The Special Teachers rose in numbers as stated below :—

| | 1921-1922. (M. G. U.) | 1922-1923. (M. G. U.) |
|---|---|---|
| Drawing Teachers | 21 (10 6 5) | 23 (11 6 6) |
| Drill Teachers | 17 ( 8 4 5) | 19 ( 9 6 4) |
| Music Teachers | 17 (10 7 0) | 20 (13 7 0) |
| Knitting Teachers | 11 ( 5 3 3) | 11 ( 5 3 3) |
| Sewing Mistresses | 24 (12 7 5) | 28 (14 7 7) |
| English Lady Teachers in Girls' Schools | 18 (11 7 0) | 25 (15 10 0) |
| Drill and Scout Masters | 4 ( 2 2 0) | 5 ( 2 2 1) |
| Total | 112 (58 : 36 : 18) | 131 (69 : 41 : 21) |

Total personnel.

36. To the above mentioned 1,802 teachers of the Day and Night Schools have to be added 18 teachers of the Teachers' Training Classes, 211 Peons, Sepoys and Hamals, and 10 Clerks of the Superintendents' and the Medical Inspectors' Offices, total 2,041. Adding the 10 Superintendents and their Assistants and the 7 Medical Inspectors and their Assistants the number of the personnel controlled by the Committee and its Office Establishment of 1 Secretary and 14 Clerks, totalled on 31st March 1923, 2,073 persons.

* * * * *

## VII.—RETIREMENTS AND DEATHS AMONG THE TEACHERS.

Retirements, Deaths and causes.

37. The deaths recorded in the year amongst teachers and others totalled 27, of whom 13 were those of Males and 14 of Females. Special mention has to be made amongst these, of Mr. Khandubhai Bhimbhai Desai, Headmaster, Girgaum Gujarati Boys' School, Mr. M. V. Deodhar, Headmaster, Charni Road Marathi Boys' School and Bai Jijabai Savant, Head Mistress, Fort Marathi Girls' School. They were all three of a uniformly good long record. There were two cases of retirement amongst the trained teachers, one that of the veteran Mr. K. W. Risbud, the popular Headmaster of the Lord Harris Marathi Boys' School, and the other of Mr. P. K. Khare, Assistant, Angrewadi Marathi Boys' School.

The deaths per disease may be thus tabulated :—

*Deaths.*

| Total No. of Teachers and Others. | Marathi Schools. | | Gujerati Schools. | | Urdu Schools. | | Total. | |
|---|---|---|---|---|---|---|---|---|
| | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. |
| Cause of Death. | The Number of Deaths. | | | | | | | |
| Tuberculosis ... ... | ... | ... | ... | 1 | ... | 1 | ... | 2 |
| Lungs and Chest Diseases. | ... | 1 | 1 | ... | 1 | ... | 2 | 1 |
| Fever and Influenza.. | 4 | ... | 2 | ... | 1 | 1 | 7 | 1 |
| Plague and Cholera... | ... | ... | ... | ... | ... | ... | ... | ... |
| Pneumonia ... ... | ... | 2 | ... | ... | ... | ... | ... | 2 |
| Diarrhœa ... ... | ... | ... | ... | 1 | ... | ... | ... | 1 |
| Other causes... ... | 1 | 1 | 3 | 4 | ... | 2 | 4 | 7 |
| Total ... | 5 | 4 | 6 | 6 | 2 | 4 | 13 | 14 |

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

## *Municipal Schools and Number of Pupils.*

Schools and pupils.

38. The following statement shows the number of Municipal Schools of various descriptions, with their pupils, at the end of the year under review, comparing the same with the figures for the previous year. The total growth in the number of schools has been dealt with in para. 9 of the General Summary :—

| — | 1922-23. | | 1921-22. | |
|---|---|---|---|---|
| | Schools. | Pupils. | Schools. | Pupils. |
| MARATHI. | | | | |
| *Day Schools*— | | | | |
| Middle Schools ... ... ... ... ... ... | 3 | 195 | 3 | 209 |
| Primary for Boys ... ... ... ... ... ... | 82 | 13,335 | 77 | 12,310 |
| Do. for Girls ... ... ... ... ... ... | 46 | 5,309 | 43 | 5,163 |
| Total ... | 131 | 18,839 | 123 | 17,682 |
| *Night Schools* ... ... ... ... ... ... ... | 21 | 660 | 18 | 714 |
| Total for Marathi Schools ... | 152 | 19,499 | 141 | 18,396 |
| GUJARATI. | | | | |
| *Day Schools*— | | | | |
| Middle Schools ... ... ... ... ... ... ... | 2 | 165 | 2 | 207 |
| Primary for Boys ... ... ... ... ... ... ... | 41 | 4,643 | 38 | 4,527 |
| Do. for Girls ... ... ... ... ... ... ... | 29 | 3,000 | 26 | 2,931 |
| Total ... | 72 | 7,808 | 66 | 7,665 |
| *Night Schools* ... ... ... ... ... ... ... | 2 | 60 | 2 | 50 |
| Total for Gujarati Schools ... | 74 | 7,868 | 68 | 7,715 |
| URDU. | | | | |
| *Day Schools*— | | | | |
| Primary for Boys ... ... ... ... ... ... ... | 58 | 5,932 | 56 | 6,342 |
| Do. for Girls ... ... ... ... ... | 31 | 2,999 | 20 | 2,237 |
| Total ... | 89 | 8,931 | 76 | 8,579 |
| *Night Schools* ... ... ... ... ... ... ... | 19 | 542 | 13 | 372 |
| Total for Urdu Schools ... | 108 | 9,473 | 89 | 8,951 |
| Grand Total for Marathi, Gujarati and Urdu Schools ... | 334 | 36,840 | 298 | 35,062 |

* * * * *

The total number of schools at the end of the year was 334, of which 228 schools were Boys' Schools with 25,532 pupils and 106 Girls' Schools with 11,308 pupils. The boys attending the Girls' Schools were 189 and the girls attending the Boys' Schools 1,741.

THE SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 3rd *October* 1923.

D. G. PADHYE,
*Secretary, Schools Committee.*

# Appendix A.

*Statement of Income and Expenditure of the "School Fund" for the year* 1922-23.

| Receipts. | Amount. | | | Expenditure. | Amount. | | |
|---|---|---|---|---|---|---|---|
| | Rs. | a. | p. | A.—SCHOOLS. | Rs. | a. | p. |
| 1. Balance on the 1st of April 1922 ... .. ... | 60,138 | 15 | 11 | 1. Head Masters and Teachers ... ... ... | 10,89,699 | 0 | 2 |
| | | | | 2. War Allowance ... ... ... ... ... | 3,59,122 | 9 | 2 |
| | | | | 3. Servants ... ... ... ... ... ... | 43,487 | 7 | 11 |
| 2. Fees from Municipal Schools ... ... ... | 53,558 | 7 | 0 | 4. Rent ... ... ... ... ... ... ... | 3,56,535 | 15 | 0 |
| | | | | 5. Cost of Class Books... ... ... ... ... | 503 | 13 | 11 |
| | | | | 6. School Furniture ... ... ... ... ... | 49,478 | 3 | 6 |
| 3. Contribution from the General Municipal Fund.. | 21,09,260 | 0 | 0 | 7. Prizes ... ... ... ... ... ... ... | ...... | | |
| | | | | 8. Contingencies and Miscellaneous ... .. ... | 1,00,232 | 2 | 7 |
| | | | | 9. Scholarships in Schools ... ... ... ... | 360 | 0 | 0 |
| 4. Government Grants-in-Aid towards buildings ... | ......... | | | 10. Stipends of Students under Training as Vernacular Teachers ... ... ... ... ... | 22,693 | 5 | 4 |
| | | | | 11. Superintendents' Establishment ... ... ... | 43,015 | 7 | 4 |
| 5. Interest on Endowments or Investments ... | 1,064 | 0 | 0 | 12. Grants-in-Aid to Primary Schools ... ... | 1,29,979 | 0 | 0 |
| | | | | 13. Library and Museum ... ... ... ... | 1,529 | 15 | 10 |
| | | | | 14. Medical Inspection ... ... ... ... ... | 22,110 | 6 | 4 |
| 6. Miscellaneous ... ... ... ... ... | 12,355 | 6 | 0 | 15. Superintendent, Aided Schools ... ... ... | 1,617 | 1 | 5 |
| | | | | B.—BUILDINGS. | | | |
| | | | | 1. Municipal Original Works ... ... ... | ...... | | |
| | | | | 2. Repairs to Municipal School Houses ... ... | 3,528 | 3 | 9 |
| | | | | Balance on 31st March 1923 ... ... | 12,484 | 0 | 8 |
| Total ... | 22,36,376 | 12 | 11 | Total ... | 22,36,376 | 12 | 11 |

The Schools Committee's Office,
BOMBAY, *1st April* 1923.

D. G. PADHYE,
Secretary, Schools Committee.

# Appendix B.

*Balance Sheet of the "School Fund" for the year 1922-23.*

| LIABILITIES. | | | | Rs. | a. | p. |
|---|---|---|---|---|---|---|
| To Deposit Account ... ... ... ... ... | | | | 10,389 | 13 | 1 |
| " Jairajbhai Peerbhai Girls' School Trust Fund— | | | | | | |
| Principle ... ... ... Rs. | 2,300 | 0 | 0 | | | |
| Interest ... ... ... " | 40 | 3 | 0 | | | |
| | | | | 2,340 | 3 | 0 |
| " Harkisondas Brijlal Prize Fund— | | | | | | |
| Principle ... ... ... Rs. | 500 | 0 | 0 | | | |
| Interest ... ... ... " | 46 | 4 | 5 | | | |
| | | | | 546 | 4 | 5 |
| " Dr. Blaney Prize Fund— | | | | | | |
| Principle ... ... ... Rs. | 1,000 | 0 | 0 | | | |
| Interest ... ... ... " | 104 | 7 | 11 | | | |
| | | | | 1,104 | 7 | 11 |
| " Madhavdas Raghunathdas Prize Fund— | | | | | | |
| Principle .. ... ... Rs. | 500 | 0 | 0 | | | |
| Interest ... ... ... " | 46 | 4 | 0 | | | |
| | | | | 546 | 4 | 0 |
| " Jivcore Lallubhai Scholarship, &c., Fund— | | | | | | |
| Principle ... ... ...Rs. | 1,000 | 0 | 0 | | | |
| Interest ... ... .. " | 3,230 | 3 | 0 | | | |
| | | | | 4,230 | 3 | 0 |
| " Bachubai S. Bengalee Prize Fund— | | | | | | |
| Principle ... ... ... Rs. | 1,000 | 0 | 0 | | | |
| Interest ... ... ... " | 99 | 1 | 2 | | | |
| | | | | 1,099 | 1 | 2 |
| " Lady Hardinge Prize Fund— | | | | | | |
| Principle ... ... ... Rs. | 1,200 | 0 | 0 | | | |
| Interest ... ... ... " | 307 | 14 | 1 | | | |
| | | | | 1,507 | 14 | 1 |
| " R. S. Taki Scholarship and Prize Fund— | | | | | | |
| Principle ... ... ... Rs. | 1,100 | 0 | 0 | | | |
| Interest ... ... ... " | 20 | 5 | 4 | | | |
| | | | | 1,120 | 5 | 4 |
| " War Loan Prize Fund— | | | | | | |
| Principle ... ... ...Rs. | 2,900 | 0 | 0 | | | |
| Interest ... ... ... " | 363 | 1 | 8 | | | |
| | | | | 3,263 | 1 | 8 |
| " Rambhabai Laldas Parbhudas Endowment and Scholarship Fund— | | | | | | |
| Principle ... ... ... Rs. | 10,000 | 0 | 0 | | | |
| Interest ... ... ... " | 306 | 7 | 0 | | | |
| | | | | 10,306 | 7 | 0 |
| " Parmanand Raja Endowment Fund— | | | | | | |
| Principle ... . . Rs. | 13,800 | 0 | 0 | | | |
| Interest ... ... ... " | 820 | 0 | 0 | | | |
| | | | | 14,620 | 0 | 0 |
| " Bai Valibai Vallabhdas Endowment Fund— | | | | | | |
| Principle ... ... ... Rs. | 29,000 | 0 | 0 | | | |
| Interest ... ... ... " | 153 | 0 | 10 | | | |
| | | | | 29,153 | 0 | 10 |
| " Paper Deposit from Contractors— | | | | | | |
| Principle ... ... ... Rs. | 6,000 | 0 | 0 | | | |
| Interest ... .. ... " | 219 | 9 | 5 | | | |
| | | | | 6,219 | 9 | 5 |
| " Nagardas Raghunathdas Scholarship and Endowment Fund— | | | | | | |
| Principle ... ... ...Rs. | 23,000 | 0 | 0 | | | |
| Interest ... ... ... " | 525 | 7 | 0 | | | |
| | | | | 23,525 | 7 | 0 |
| " Navalbai Raghunathdas Scholarship Fund— | | | | | | |
| Principle ... ... ... Rs. | 2,500 | 0 | 0 | | | |
| Interest ... ... ... " | 49 | 12 | 0 | | | |
| | | | | 2,549 | 12 | 0 |
| " Madhavrao Rokde Free School and Endowment Fund— | | | | | | |
| Principle ... ... ...Rs. | 27,500 | 0 | 0 | | | |
| Interest ... ... ... " | 26 | 15 | 0 | | | |
| | | | | 27,526 | 15 | 0 |
| " N G. Wellinkar Scholarship and Prize Fund— | | | | | | |
| Principle ... ... ...Rs. | 1,030 | 0 | 0 | | | |
| Interest ... ... ... " | ...... | | | | | |
| | | | | 1,030 | 0 | 0 |
| " Donation for Training Urdu Teachers ... ... | | | | 2 | 0 | 0 |
| " N. S. Bengalee Donation ... ... ... ... | | | | 4 | 0 | 0 |
| " Cutchi Memon Scholarship ... ... ... | | | | 28 | 0 | 0 |
| " S. M. Edwards Scholarship ... ... ... | | | | 27 | 7 | 9 |
| " Cash Deposits from Contractors ... ... ... | | | | 300 | 0 | 0 |
| " Income and Expenditure Account— | | | | | | |
| Balance on 31st March 1923... .. ... | | | | 12,484 | 0 | 8 |
| Total .. | | | | 1,53,924 | 5 | 4 |

| ASSETS. | | | | Rs. | a. | p. |
|---|---|---|---|---|---|---|
| By Bank of Bombay Government, &c., Paper Deposit Account ... ... ... ... ... ... | | | | 1,18,300 | 0 | 0 |
| " Bank of Bombay Surplus Cash Government, Paper Deposit Account regarding Surplus Cash Balance of the School Fund ... ... | | | | 10,801 | 0 | 0 |
| " Bank of Bombay on account of Securities from Contractors ... ... ... ... ... | | | | 6,000 | 0 | 0 |
| " Advance Account— | | | | | | |
| To the Secretary ... ... Rs. | 130 | 0 | 0 | | | |
| To the Superintendent Marathi Schools " | 50 | 0 | 0 | | | |
| " Gujerati " " | 40 | 0 | 0 | | | |
| " Urdu " " | 40 | 0 | 0 | | | |
| " Aided " " | 40 | 0 | 0 | | | |
| | | | | 300 | 0 | 0 |
| " Advances Miscellaneous ... ... ... ... | | | | 30 | 0 | 0 |
| " Actual Cash Balance— | | | | | | |
| In Imperial Bank of Bombay. ... Rs. ... ... | | | | | | |
| In Office Treasury ... ... " | 18,493 | 5 | 4 | | | |
| | | | | 18,493 | 5 | 4 |
| Total ... | | | | 1,53,924 | 5 | 4 |

The Schools Committee's Office,
BOMBAY, 1st *April* 1923.

D. G. PADHYE,
Secretary, Schools Committee.

# Appendix C.

*The Aided Schools.*

The following table shows the number of Aided Schools with the attendance thereat. The amount of Grant paid to them from the "School Fund" during the year 1922-1923 was Rs. 1,29,979 to which are to be added Rs. 14,816 paid in 1923-24, bringing the total to Rs. 1,44,795. The amount paid for the last year was Rs. 1,44,500.

| CLASSES OF SCHOOLS. | AIDED. | | | |
|---|---|---|---|---|
| | 1922-1923. | | 1921-22. | |
| | Schools. | Pupils. | Schools. | Pupils. |
| MARATHI. | | | | |
| *Day Schools—* | | | | |
| Primary for Boys ... ... ... ... ... ... | 40 | 4,026 | 43 | 4,114 |
| Do. for Girls ... ... ... ... ... ... | 12 | 770 | 13 | 995 |
| Total ... ... | 52 | 4,796 | 56 | 5,109 |
| *Night Schools* ... ... ... ... ... ... ... | 13 | 354 | 14 | 496 |
| Total of Marathi Schools ... | 65 | 5,150 | 70 | 5,605 |
| GUJARATI. | | | | |
| *Day Schools—* | | | | |
| Primary for Boys ... ... ... ... ... ... | 34 | 4,361 | 35 | 4,547 |
| Do. for Girls ... ... ... ... ... ... | 26 | 3,234 | 25 | 3,100 |
| Total ... ... | 60 | 7,595 | 60 | 7,647 |
| *Night Schools* ... ... ... ... ... ... ... | 3 | 98 | 3 | 101 |
| Total of Gujerati Schools ... | 63 | 7,693 | 63 | 7,748 |
| URDU. | | | | |
| *Day Schools—* | | | | |
| Primary for Boys ... ... ... ... ... ... | 8 | 1,093 | 8 | 1,085 |
| Do. for Girls ... ... ... ... ... ... | 4 | 655 | 2 | 649 |
| Total ... ... | 12 | 1,748 | 10 | 1,734 |
| *Night Schools* ... ... ... ... ... ... ... | 5 | 252 | 2 | 134 |
| Total of Urdu Schools ... | 17 | 2,000 | 12 | 1,868 |
| *Kanaries Night Schools* ... ... ... ... ... ... | 1 | 83 | 1 | 53 |
| *Hindi Day Schools* ... ... ... ... ... ... | 1 | 116 | 1 | 112 |
| Grand Total of Marathi, Gujarati, Urdu, Kanaries and Hindi Schools ... | 147 | 15,042 | 147 | 15,386 |

The Schools Committee's Office,
BOMBAY, 12*th September* 1923.

D. G. PADHYE,
Secretary, Schools Committee.

# Appendix D.

*Race of Pupils.*

The number of pupils in the Municipal and Aided Schools according to their races was as under:—

| Race. | 1922-23. | | | 1921-22. | | |
|---|---|---|---|---|---|---|
| | Municipal. | Aided. | Total. | Municipal. | Aided. | Total. |
| Jews ... ... ... ... ... ... | 192 | 578 | 770 | 66 | 515 | 581 |
| Europeans and Eurasians ... ... .. | ... | ... | ... | ... | ... | ... |
| Portuguese and Indian Christians ... ... | 202 | 344 | 546 | 142 | 332 | 474 |
| Hindus ... ... ... ... ... ... | 25,899 | 6,621 | 32,520 | 24,966 | 7,109 | 32,075 |
| Mahomedans ... ... ... ... ... | 10,265 | 3,749 | 14,014 | 9,514 | 3,898 | 13,412 |
| Buddhists ... ... ... ... ... ... | ... | ... | ... | ... | 1 | 1 |
| Parsis ... ... ... ... ... ... | 272 | 3,750 | 4,022 | 304 | 3,506 | 3,810 |
| Others ... ... ... ... ... ... | ... | ... | ... | 70 | 22 | 92 |
| Sikhs ... ... ... ... ... ... | 10 | ... | 10 | ... | 3 | 3 |
| Total ... | 36,840 | 15,042 | 51,882 | 35,062 | 15,386 | 50,448 |

# Appendix E.

*Unrecognized and Unaided Primary Schools.*

The following is a rough estimate of the number and attendance in Unrecognized and Unaided Primary Schools in Bombay City:—

| Class of Schools. | Number of | |
|---|---|---|
| | Schools. | Pupils. |
| MARATHI. | | |
| Primary for Boys ... ... ... ... ... ... | 17 | 660 Boys. |
| Do. for Girls ... ... ... ... ... ... | | 46 Girls. |
| Total ... | 17 | 706 |
| GUJARATI. | | |
| Primary for Boys ... ... ... ... ... | 24 | 1,144 Boys. |
| Do. for Girls ... ... ... ... ... ... | | 1,253 Girls. |
| Total ... | 24 | 2,397 |
| URDU. | | |
| Primary for Boys ... ... ... ... ... ... | 16 | 771 Boys. |
| Do. for Girls ... ... ... ... ... ... | | 235 Girls. |
| Total ... | 16 | 1,006 |
| Grand Total of Marathi, Gujarati and Urdu Schools ... | 57 | 4,109 |

THE SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 12th September 1923.

D. G. PADHYE,
Secretary, Schools Committee.

# Appendix F.

## THE PROGRESS OF PRIMARY EDUCATION IN BOMBAY.

### A. *Under the Joint Schools Committee.*

| Year. | No. of Schools. | Increase or Decrease. | No. of pupils. | Increase or Decrease. | Average monthly No. of pupils on rolls. | Increase or Decrease. | Total expenditure. | Increase or Decrease. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Rs. | |
| * 1890-91... | 62 | .... | 6,134 | ... | ... | ... | 81,861 | ... |
| † 1908-09... | 102 | +40 | 10,314 | +4,180 | ... | ... | 2,54,888 | +1,73,027 |

* Being the first year of the Joint Schools Committee.
† Being the last year.

### B. *Under the (Municipal) Schools Committee from year to year.*

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Rs. | |
| 1910-11... | 127 | + 13 | 13,255 | +1,696 | ... | ... | 3,30,890 | + 42,688 |
| 1911-12... | 142 | + 15 | 15,861 | +2,606 | ... | ... | 3,38,263 | + 7,373 |
| 1912-13... | 160 | + 18 | 16,746 | + 885 | ... | ... | 3,78,088 | + 39,825 |
| 1913-14... | 174 | + 14 | 18,846 | +2,100 | ... | ... | 4,37,815 | + 59,727 |
| 1914-15... | 179 | + 5 | 18,046 | — 800 | ... | ... | 4,77,963 | + 40,148 |
| 1915-16.. | 183 | + 4 | 21,669 | +3,623 | ... | ... | 5,02,173 | + 24,210 |
| 1916-17... | 195 | + 12 | 23,987 | +2,318 | 22,829 | ... | 5,68,398 | + 66,225 |
| 1917-18... | 211 | + 16 | 28,377 | +4,390 | 25,103 | + 2,274 | 6,95,243 | +1,26,845 |
| 1918-19... | 233 | + 22 | 26,832 | —1,545 | 26,066 | + 963 | 8,53,437 | +1,58,194 |
| 1919-20... | 250 | + 17 | 28,228 | +1,396 | 27,704 | + 1,638 | 12,87,211 | +4,33,774 |
| 1920-21... | 273 | + 23 | 32,211 | +3,983 | 32,580 | + 4,876 | 15,86,294 | +2,99,083 |
| 1921-22... | 298 | + 25 | 35,062 | +2,851 | 33,550 | + 970 | 19,63,573 | +3,77,279 |
| 1922-23.. | 334 | + 36 | 36,840 | +1,778 | 36,527 | + 2,977 | 22,23,892 | +2,60,319 |

THE SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 12*th September* 1923.

D. G. PADHYE,
Secretary, Schools Committee

# Appendix G.

STATEMENT showing the new Schools opened during the last 5 years and their progress.

| Name of School. | The year when it was opened and the number at the end of that year. | | | | |
|---|---|---|---|---|---|
| | 1918-19. | 1919-20. | 1920-21. | 1921-22. | 1922-23. |
| *Marathi Schools.* | | | | | |
| Grant Road Girls' | 102 | 100 | 100 | 134 | 133 |
| Mazgaon Girls' | 64 | 34 | 84 | 84 | 76 |
| Lower Parel Mill | 62 | 72 | 72 | 58 | 52 |
| DeLisle Road Mill | 106 | 125 | 125 | 102 | 52 |
| Cavel St. Boys' | 10 | 74 | 74 | 104 | 110 |
| Dhobi Talao Nirashrit | 106 | 129 | 129 | 138 | 127 |
| Tardeo Night | 20 | 35 | 35 | 20 | 17 |
| Dadar Girls' | 71 | 48 | 48 | 89 | 127 |
| Parel Bhoiwada Girls' | 16 | 69 | 69 | 115 | 100 |
| Kamathipura Night | .. | 30 | 30 | 61 | 38 |
| Princess Street Boys' | .. | 96 | 96 | 103 | 78 |
| Poibavdi Girls' | .. | 83 | 83 | 101 | 124 |
| Kalbadevi Lower Primary | .. | 51 | 51 | 49 | 61 |
| Naviwadi Girls' | .. | 58 | 58 | 123 | 118 |
| Jackeria Bunder Boys' | .. | 40 | 60 | 110 | 118 |
| Parbhadevi Boys' | .. | 42 | 42 | 145 | 214 |
| Parbhadevi Girls' | .. | 11 | 11 | 68 | 61 |
| Breach Candy Rd. Boys' | .. | 87 | 87 | 149 | 125 |
| Sleater Road Boys' | .. | 54 | 54 | 132 | 127 |
| Parbhadevi Night | .. | 72 | 72 | 26 | 27 |
| Ghodapdeo ,, | .. | 11 | 11 | 85 | 64 |
| Sutar Lane Boys' | .. | .. | 114 | 118 | 121 |
| Reshim Gulli Boys' | .. | .. | 10 | 98 | 116 |
| Poibavdi Girls' | .. | .. | 54 | 101 | 124 |
| Dadar Night | .. | .. | 50 | 45 | 50 |
| Kamathipura Nirashrit Night | .. | .. | 54 | 23 | 30 |
| Lalwadi ,, | .. | .. | 19 | 17 | 20 |
| Durgadevi ,, | .. | .. | 20 | 27 | 32 |
| Fergusson Road Night | .. | .. | 35 | 30 | 30 |
| Parel Bhoiwada ,, | .. | .. | 10 | 44 | 34 |
| Byculla ,, | .. | .. | 30 | 14 | 25 |
| Tata Mill ,, | .. | .. | 42 | 29 | 21 |
| David Mill ,, | .. | .. | 58 | 67 | 56 |
| Standard Mill ,, | .. | .. | 36 | 40 | 32 |
| Kamathipura Bazar Road Boys' | .. | .. | .. | 82 | 131 |
| Safrabadi Ripon Road Nirashrit | .. | .. | .. | 61 | 110 |
| Matunga Station Road Boys' | .. | .. | .. | 5 | 68 |
| Kamathipura Nirashrit Girls' | .. | .. | .. | 40 | 46 |
| Madanpura ,, ,, | .. | .. | .. | 64 | 60 |
| Godapdeo Girls' | .. | .. | .. | 37 | 54 |
| Reshim Gulli Girls' | .. | .. | .. | 56 | 94 |
| Breach Candy Girls' | .. | .. | .. | 81 | 70 |
| Fort Girls' | .. | .. | .. | 32 | 50 |
| Colaba Night | .. | .. | .. | 64 | 16 |
| Jackeria Bunder Night | .. | .. | .. | 33 | 30 |
| Kalachowki Night | .. | .. | .. | 24 | 23 |
| West Khetwadi Boys' | .. | .. | .. | .. | 42 |
| West Khetwadi Girls' | .. | .. | .. | .. | 50 |
| Victoria Garden Boys' | .. | .. | .. | .. | 71 |
| Haji Ismail Haji Alana Boys' | ... | ... | ... | .. | 58 |
| Nutan Dongri Boys' | .. | .. | .. | .. | 104 |
| Mandvi Girls' | ... | ... | ... | .. | 74 |
| Tardeo Bridge Girls' | ... | ... | ... | .. | 52 |
| Madanpura Night | .. | .. | .. | .. | 12 |
| Elphinstone Bridge Nirashrit Night | ... | ... | ... | .. | 25 |
| Byculla Nirashrit Night | .. | .. | .. | .. | 27 |
| Tank Bunder Boys' | ... | ... | ... | .. | 49 |

| Name of School. | The year when it was opened and the number at the end of that year. | | | | |
|---|---|---|---|---|---|
| | 1918-19. | 1919-20. | 1920-21. | 1921-22. | 1922-23. |
| *Gujarati Schools.* | | | | | |
| Walkeshwar Boys' | 97 | 96 | 96 | 112 | 95 |
| Poibavdi Girls' | 51 | 40 | 40 | 66 | 53 |
| Parel Bhoiwada Lower Primary Boys' | 20 | 36 | 36 | 98 | 87 |
| Mahim Girls' | .. | 44 | 44 | 81 | 72 |
| Elphinstone Bridge Nirashrit | .. | 67 | 67 | 59 | 64 |
| Sion Boys' | .. | .. | 36 | 64 | 38 |
| Kandewadi Boys' | .. | .. | 60 | 51 | 47 |
| Bapty Road Nirashrit Girls' | .. | .. | 41 | 58 | 35 |
| Matunga Girls' | .. | .. | 76 | 122 | 153 |
| Nal Bazar Night | .. | .. | 33 | 33 | 36 |
| Durgadevi A. V. Boys' | .. | .. | .. | 8 | 28 |
| Durgadevi Primary Boys' | .. | .. | .. | 246 | 231 |
| Lalbaug Boys' | .. | .. | .. | 80 | 67 |
| Durgadevi Girls' | .. | .. | .. | 91 | 105 |
| Gopi Tank Boys' | .. | .. | .. | .. | 25 |
| West Khetwadi Boys' | .. | .. | .. | .. | 83 |
| Mahim Nirashrit Boys | .. | .. | .. | .. | 50 |
| West Khetwadi Girls' | .. | .. | .. | .. | 37 |
| Lalbaug Girls' | .. | .. | .. | .. | 35 |
| Lower Parel Girls' | .. | .. | .. | .. | 43 |
| *Urdu Schools.* | | | | | |
| Sukhalaji St. Boys' | 50 | 55 | 55 | closed. | closed. |
| Supari Baug Boys' | 25 | 50 | 50 | 120 | 131 |
| Jacob Circle Boys' | 123 | 135 | 135 | 175 | 82 |
| Khara Talao Girls' | 110 | 116 | 116 | 120 | 63 |
| Falkland Road Girls' | 75 | 60 | 60 | 81 | 93 |
| Morland Road Girls' | 100 | 82 | 82 | 98 | 66 |
| Yacub St. Girls' | 100 | 113 | 113 | 138 | 155 |
| Bhavnagri Moholla Girls' | 133 | 116 | 116 | 135 | 130 |
| Imamwada Girls' | 56 | 64 | 64 | 58 | 80 |
| Temkar St. Girls' | 83 | 76 | 76 | 80 | 98 |
| Umarkhadi Boys' | .. | 60 | 60 | 64 | 60 |
| Khoja Moholla Boys' | .. | 105 | 105 | 72 | 90 |
| Sankli St. Boys' | .. | 105 | 105 | 151 | 116 |
| Mazgaon Boys' | .. | .. | 62 | 118 | 76 |
| Telli Moholla Girls' | .. | .. | 151 | 150 | 121 |
| DeLisle Road Night | .. | .. | 28 | 28 | 24 |
| Jambli Moholla „ | .. | .. | 30 | 18 | 136 |

| Name of School. | The year when it was opened and the number at the end of that year. | | | | |
|---|---|---|---|---|---|
| | 1918-19. | 1919-20. | 1920-21. | 1921-22. | 1922-23. |
| *Urdu Schools*—contd. | | | | | |
| Ghogari Moholla Night | .. | .. | 20 | 21 | 100 |
| Telli Moholla „ | .. | .. | 38 | 40 | 90 |
| Sankli Cross Street Boys' | .. | .. | .. | 43 | 67 |
| Ripon Road Boys' | .. | .. | .. | 100 | 125 |
| Tank Street Boys' | .. | .. | .. | 30 | 320 |
| Ripon Road Girls' | .. | .. | .. | 70 | 76 |
| Khoja Moholla Girls' | .. | .. | .. | 55 | 44 |
| Undria Street Girls' | .. | .. | .. | 74 | 63 |
| Bengalpura Girls' | .. | .. | .. | 88 | 70 |
| Safrabadi Girls' | .. | .. | .. | 66 | 66 |
| Supari Baug Night | .. | .. | .. | 21 | 23 |
| Sewri Night | .. | .. | .. | 50 | 36 |
| Fort „ | .. | .. | .. | 24 | 22 |
| Falkland Road Night | .. | .. | .. | 28 | 23 |
| Tank Street Night | .. | .. | .. | 30 | 60 |
| Victoria Garden Boys' | ... | ... | ... | .. | 44 |
| Tank St. Girls' | ... | ... | ... | .. | 140 |
| Shivdi Cross St. Boys' | ... | ... | ... | .. | 78 |
| Fort Girls | ... | ... | ... | .. | 60 |
| Karelwadi Night | ... | ... | ... | .. | 30 |
| Mahim „ | ... | ... | ... | .. | 50 |
| Ripon Road „ | .. | .. | .. | .. | 21 |
| Byculla Girls' | .. | .. | .. | .. | 70 |
| Mahim Girls' | .. | .. | .. | .. | 101 |
| Rangari Moholla Girls' | .. | .. | .. | .. | 70 |
| Tank Bunder Girls' | .. | .. | .. | .. | 81 |
| Jacob Circle Girls' | .. | .. | .. | .. | 69 |
| Dhobi Talao Girls' | .. | .. | .. | .. | 78 |
| Mazgaum Girls' | .. | .. | .. | .. | 53 |
| Undria St. Night | .. | .. | .. | .. | 46 |
| Sankli St. Night | .. | .. | .. | .. | 25 |
| Temkar St. „ | .. | .. | .. | .. | 12 |
| DeLisle Road Girls' | .. | .. | .. | .. | 55 |
| Poibavdi Girls' | .. | .. | .. | .. | 54 |

The Schools Committee's Office,
BOMBAY, 12th *September* 1923.

D. G. PADHYE,
Secretary, Schools Committee.

# Appendix H.

Table showing the Grade of Salaries of the employees under the Bombay Schools Committee as Revised in 1920-1921 and thereafter :—

| Kind of Employees. | Scales of Salaries exclusive of War Allowance which ranges from Rs. 4 for inferior service, Rs. 15 to 17 for Teachers and Rs. 20 to others upto Rs. 200 salary and 10 per cent. higher up. | Remarks. |
|---|---|---|
| *Supervising Staff.* | Rs. | |
| Superintendent .. .. .. .. | 250-10-350+30 C. A. | |
| Medical Inspector of School Children .. | 250-10-350+30 C. A. | |
| Assistant Superintendent .. .. .. | 200-10-250+30 C. A. | |
| Deputy Superintendents .. .. .. | 160-10-200+30 C. A. | |
| Asstt. Medical Inspectors .. .. .. | 160-10-200+30 C. A. | For qualification lower than L. C. P. S., or Sub-Assistant Surgeon the salary is Rs. 75-5-100. |
| Head Master, Teachers' Training Class .. | 160-10-200 | |
| Clerks in superintending offices .. .. | 125-5-175<br>40-5-125 | Excluding E. A. Rs. 10 p.m. |
| TEACHERS. | | |
| Graduates, B.A.s or B. Sc.s. .. | 100-5-150 | Including War Allowance. |
| Graduates with S. T. C. Diploma .. .. | 125-5-175 | |
| 3rd Year Trained and Drill, Drawing, Music and Matriculated Teachers passing 2nd Year Training Certificate Examination and Matriculated English Lady Teachers... | 55-4-135 | |
| 2nd Year Trained and Sewing and Knitting and Matriculated .. .. .. .. | 45-3-105 | |
| 1st Year Trained .. .. .. .. | 40-2-80 | |
| Qualified .. .. .. .. .. | 40-1½-70 | |
| Untrained .. .. .. .. .. | 35 | |
| Acting Ordinary Teachers .. .. .. | Rs. 24 *plus* half W. A. | |
| Acting Special Teachers .. ... .. | Rs. 30 and 35 *plus* half W. A. | |
| *Lower Services :* | | |
| Peons .. .. .. .. .. | 18-½-23 | |
| Hamals .. .. .. .. .. | 16-½-20 | |

THE SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 12*th September* 1923.

D. G. PADHYE,
*Secretary, Schools Committee.*

# SCHOOLS COMMITTEE'S ADMINISTRATION REPORT

FOR

1922-23.

## Appendix I.—Part A.

## List of the Bombay Municipal Schools.

# PRIMARY SCHOOLS IN

*Annexed to Report*

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete, per census of 1921. | Name of School. | Where Situated. | Description; Marathi, Gujarati or Urdu. | Number of Pupils on Roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total. |
| A | Upper Colaba | 4,314 | Upper Colaba Nirashrit School. | 13, Shroff Street, Colaba | Municipal Marathi | 133 | .. | 133 |
| „ | Do. | | Colaba Night School | Do. | Do. | 16 | .. | 16 |
| „ | Do. | | Fort Nirashrit Boys' School | Do. | Municipal Gujarati. | 58 | 23 | 81 |
| „ | Middle and Lower Colaba. | | Colaba Boys' School | 379-81, Causeway, Colaba | Municipal Marathi | 161 | .. | 161 |
| „ | Do. | | Colaba Girls' School | Do. | Do. | .. | 40 | 40 |
| „ | Do. | | Colaba Boys' School | 379, Causeway, Colaba | Municipal Gujarati. | 28 | 3 | 31 |
| „ | Do. | | Do. | 25, Hamal Street, Colaba | Municipal Urdu | 30 | 5 | 35 |
| „ | Fort North | | Fort Boys' School | Bazar Gate Street, Holi Chakla | Municipal Marathi | 111 | .. | 111 |
| „ | Do. | | Fort Girls' School | Bazar Gate, Holi Chakla | Do. | .. | 50 | 50 |
| „ | Do. | | Fort Boys' School | 166, Bora Bazar Street | Municipal Gujarati. | 90 | 3 | 93 |
| „ | Do. | | Rambhabai Girls' School | 5, Manordas Street, Mint Road, Fort. | Do. | .. | 84 | 84 |
| „ | Do. | | Fort Boys' School | 117, Modi Street | Municipal Urdu | 68 | .. | 68 |
| „ | Do. | | Fort Night School | Do. | Do. | 27 | .. | 27 |
| „ | Do. | | Fort Girls' School | Do. | Do. | .. | 59 | 59 |
| „ | Esplanade | | Crawford Market Nirashrit School. | Paltan Road | Municipal Marathi | 153 | 7 | 160 |
| „ | Do. | | Lord Harris Boys' School | No 3707 (3), Street No. 7, Carnac Road. | Do. | 194 | .. | 194 |
| „ | Do. | | Lord Harris Girls' School | Carnac Road | Do. | .. | 84 | 84 |
| B | Mandvi | 10,538 | Madhavrao Rokde Free Boys' School. | Ramnawmi Building, Mandvi | Do. | 190 | .. | 190 |
| „ | Do. | | Chinch Bunder Boys' School | Chinch Bunder Road, Post Umarkhadi. | Do. | 97 | 15 | 112 |
| „ | Do. | | Mandvi Girls' School | Kazi Syed Street, Mandvi | Do. | .. | 74 | 74 |
| „ | Do. | | Mandvi Boys' School | Katha Bazar, Mandvi | Municipal Gujarati. | 65 | .. | 65 |
| „ | Do. | | Mandvi Girls' School | Do. | Do. | .. | 91 | 91 |
| „ | Do. | | Rangari Street Boys' School | Luxmi Building, Barbhai Moholla | Do. | 60 | .. | 60 |
| „ | Do. | | Nagdevi Street Girls' School | 67-69, Bhajipala Lane | Do. | 39 | 38 | 77 |
| „ | Do. | | Musjid Bunder Girls' School | Musjid Bunder Road | Do. | .. | 45 | 45 |
| „ | Do. | | Bhownagri Moholla Boys' School. | Bhownagri Moholla, Khadak | Municipal Urdu | 73 | .. | 73 |
| „ | Do. | | Rangari Moholla Boys' School. | 67-69, Rangari Moholla | Do. | 91 | .. | 91 |
| „ | Do. | | Rangari Moholla Girls' School. | Rangari Moholla | Do. | .. | 75 | 75 |
| „ | Do. | | Khoja Moholla Boys' School | Khoja Moholla, Samuel Street | Do. | 86 | .. | 86 |
| „ | Do. | | Khoja Moholla Girls' School | Do. | Do. | .. | 44 | 44 |
| „ | Do. | | Kolsa Moholla Boys' School | 129, Narayan Dhuru Street | Do. | 107 | .. | 107 |
| „ | Do. | | Kolsa Moholla Girls' School | Do. | Do. | .. | .. | .. |
| „ | Umarkhadi | | Walpakhadi Nirashrit School. | Walpakhadi Road, Bombay | Municipal Gujarati | 76 | 37 | 113 |
| „ | Do. | | Jairajbhai Peerbhai Girls' School. | Mahomed Yusuf Khatkhatay's House, Dongri Street. | Do. | 51 | 44 | 95 |

## BOMBAY WITH DETAILS—MUNICIPAL SCHOOLS.

*for* 1922-1923.

| Number of Teachers. | | | Annual Expenditure exclusive of Supervision and Medical Inspection Charges. | | | | | Annual Expenditure per head of Pupil. | Average rate of Fees charged. | Result of 4th Standard Examination (conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal Schools). | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' salaries. | Pays of other servants. | Rent, if any. | Contingencies. | Total. | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | | |
| 5 | .. | 5 | 3,663 0 0 | .... | 540 0 0 | 156 0 0 | 4,359 0 0 | 32 0 0 | .... | 3 | 1 |
| 2 | .. | 2 | 375 0 0 | .... | .... | 120 0 0 | 495 0 0 | 31 0 0 | A. 1 & ps. 6 | .... | .... |
| 2 | .. | 2 | 1,093 0 0 | .... | 360 0 0 | 114 0 0 | 1,567 0 0 | 19 0 0 | .... | 3 | .... |
| 6 | .. | 6 | 5,600 0 0 | .... | 1,440 0 0 | 180 0 0 | 7,220 0 0 | 44 0 0 | As. 6 & 3 | 7 | 3 |
| .. | 3 | 3 | 2,430 0 0 | 243 0 0 | 720 0 0 | 96 0 0 | 3,489 0 0 | 87 0 0 | As. 2 & 1 | .... | .... |
| 2 | .. | 2 | 1,744 0 0 | .... | 600 0 0 | 105 0 0 | 2,449 0 0 | 79 0 0 | As. 2 & ps. 4 | .... | .... |
| 2 | .. | 2 | 1,775 0 0 | .... | 480 0 0 | 108 0 0 | 2,363 0 0 | 67 0 0 | As. 4, 2 & 1. | .... | .... |
| 5 | | 5 | 4,032 0 0 | .... | 1,320 0 0 | 156 0 0 | 5,508 0 0 | 49 0 0 | As. 4 & 2 | 6 | 5 |
| 1 | 2 | 3 | 1,500 0 0 | 254 0 0 | .... | 72 0 0 | 1,826 0 0 | 36 0 0 | As. 2 & 1 | .... | No. IV Standard. |
| 4 | .. | 4 | 3,401 0 0 | .... | 2,960 0 0 | 160 0 0 | 6,521 0 0 | 70 0 0 | As. 4 & 2 | 4 | ... |
| .. | 5 | 5 | 4,080 0 0 | 267 0 0 | 1,110 0 0 | 253 0 0 | 5,710 0 0 | 67 0 0 | As. 4, 2 & 1. | .... | .... |
| 7 | .. | 7 | 5,040 0 0 | .... | 1,080 0 0 | 156 0 0 | 6,276 0 0 | 92 0 0 | As. 4 & 2 | 4 | 4 |
| 2 | .. | 2 | 276 0 0 | .... | .... | 120 0 0 | 396 0 0 | 14 0 0 | .... | .... | .... |
| .. | 4 | 4 | 3,336 0 0 | 276 0 0 | 630 0 0 | 96 0 0 | 4,344 0 0 | 73 0 0 | As. 2 & 1 | 3 | 3 |
| 6 | .. | 6 | 5,017 0 0 | .... | 900 0 0 | 165 0 0 | 6,082 0 0 | 38 0 0 | As. 3 | 8 | 8 |
| 9 | .. | 9 | 11,017 0 0 | 484 0 0 | .... | 236 0 0 | 11,737 0 0 | 60 0 0 | As. 3 | 42 | 23 |
| .. | 5 | 5 | 3,409 0 0 | 729 0 0 | .... | 93 0 0 | 3,784 0 0 | 40 0 0 | A. 1 & ps. 6 | 8 | .... |
| 8 | .. | 8 | 7,656 0 0 | .... | 405 0 0 | 244 0 0 | 8,205 0 0 | 43 0 0 | *Nil.* | 20 | 11 |
| 6 | .. | 6 | 4,482 0 0 | .... | 1,080 0 0 | 156 0 0 | 5,718 0 0 | 47 0 0 | As. 6 & 3 | 5 | 4 |
| .. | 3 | 3 | 1,254 0 0 | 105 0 0 | 583 0 0 | 36 0 0 | 1,978 0 0 | 26 0 0 | .... | .... | .... |
| 3 | .. | 3 | 2,829 0 0 | .... | 1,228 0 0 | 140 0 0 | 4,197 0 0 | 64 0 0 | As. 4 & 2 | 1 | .... |
| .. | 4 | 4 | 3,242 0 0 | 293 0 0 | 1,024 0 0 | 117 0 0 | 4,677 0 0 | 51 0 0 | As. 4, 2 & 1 | .... | .... |
| 3 | .. | 3 | 3,605 0 0 | .... | 1,122 0 0 | 190 0 0 | 4,917 0 0 | 82 0 0 | As. 4 & 2 | 3 | .... |
| .. | 5 | 5 | 4,776 0 0 | 264 0 0 | 1,479 0 0 | 165 0 0 | 6,685 0 0 | 86 0 0 | As. 2 & ps. 5 | .... | .... |
| .. | 2 | 2 | 2,105 0 0 | 279 0 0 | 1,200 0 0 | 72 0 0 | 3,656 0 0 | 81 0 0 | As. 4 & 2 | 1 | 1 |
| 7 | .. | 7 | 4,836 0 0 | .... | 1,680 0 0 | 132 0 0 | 6,698 0 0 | 91 0 0 | As. 4 & 2 | 3 | 3 |
| 4 | .. | 4 | 3,960 0 0 | 285 0 0 | 1,143 0 0 | 121 0 0 | 5,510 0 0 | 60 0 0 | As. 4 & 2 | 3 | 1 |
| .. | 2 | 2 | 465 0 0 | 135 0 0 | 400 0 0 | 50 0 0 | 1,050 0 0 | 14 0 0 | As. 2 & 1 | 1 | 1 |
| 5 | .. | 5 | 3,168 0 0 | .... | 1,740 0 0 | 120 0 0 | 5,028 0 0 | 58 0 0 | As. 4 & 2 | .... | .... |
| .. | 2 | 2 | 1,332 0 0 | 276 0 0 | 1,680 0 0 | 72 0 0 | 3,360 0 0 | 74 0 0 | As. 4 | .... | .... |
| 5 | .. | 5 | 3,000 0 0 | .... | .... | 128 0 0 | 3,128 0 0 | 29 0 0 | As. 5 & ps. 2 | .... | .... |
| .. | .. | .. | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 4 | .. | 4 | 2,320 0 8 | 298 0 0 | 600 0 0 | 120 0 0 | 3,348 0 0 | 29 0 0 | *Nil.* | 9 | 4 |
| .. | 6 | 6 | 5,329 9 0 | 522 0 0 | 456 0 0 | 96 0 0 | 6,403 0 0 | 67 0 0 | .... | 2 | 1 |

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete, per census of 1921. | Name of School. | Where Situated. | Description ; Marathi, Gujarati or Urdu. | Number of Pupils on Roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total. |
| B .. | Umarkhadi .. | | Ali Umar Street Boys' School .. | 78-80, Ali Umar Street .. .. | Municipal Urdu .. | 50 | 11 | 61 |
| „ .. | Do. .. | | Umarkhadi Boys' School .. | 118, near the Jail Road, Dongri .. | Do. .. | 41 | 27 | 68 |
| „ .. | Do. .. | | Wari Bunder Boys' School .. | 22, Mazagaon Road .. .. | Do. .. | 62 | .. | 62 |
| „ .. | Do. .. | | Bengalipura Boys' School .. | Near Carnac Bridge, Carnac Road. | Do. .. | 97 | .. | 97 |
| „ .. | Do. .. | | Bengalipura Girls' School .. | Do. do. .. | Do. .. | .. | 70 | 70 |
| „ .. | Do. .. | | Wadi Bunder Girls' School .. | 22, Mazgaon Road .. .. .. | Do. .. | .. | 59 | 59 |
| „ .. | Dongri .. | | Dongri Nirashrit Boys' School. | 7 A. Umerkhadi .. .. | Municipal Marathi .. | 119 | 5 | 115 |
| „ .. | Do. .. | | Dongri 2nd Gr. A. V. Boys' School. | Jail Road, Umerkhadi .. .. | Do. .. | 252 | .. | 252 |
| „ .. | Do. .. | | Nutan Dongri Boys' School .. | Do. .. .. | Do. .. | 98 | 6 | 104 |
| „ .. | Do. .. | | Dongri Girls' School .. .. | Do. .. .. | Do. .. | .. | 125 | 125 |
| „ .. | Do. .. | | Memonwada Boys' School .. | Old Nagpada, Sandhurst Road .. | Do. .. | 69 | 6 | 75 |
| C .. | Dhobi Talao .. | 14,024 | Dhobi Talao Nirashrit Boys' School. | Old Sonapur Lane, Chira Bazar .. | Do. .. | 112 | 15 | 127 |
| „ .. | Do. .. | | Dhobi Talao Boys' School .. | Do. .. .. | Municipal Urdu .. | 66 | .. | 66 |
| „ .. | Do. .. | | Dhobi Talao Girls' School .. | Do .. .. .. | Do. .. | .. | 78 | 78 |
| „ .. | Fanaswadi .. | | Vithalwadi Boys' School .. | Fanaswadi, 2nd Lane .. .. | Municipal Marathi .. | 164 | .. | 164 |
| „ .. | Do. .. | | Navi Wadi Girls' School .. | Do. .. .. .. .. | Do. .. | .. | 118 | 118 |
| „ .. | Do. .. | | Breach Candy Road Boys' School. | 12-14, Navi Wadi .. .. .. | Do. .. | 101 | 24 | 125 |
| „ .. | Do. .. | | Breach Candy Road Girls' School. | Dady Seth Agiary Road .. .. | Do. .. | 4 | 66 | 70 |
| „ .. | Do. .. | | Nagardas Raghunathdas Boys' School. | No. 56, Dady Seth Agiary Lane .. | Municipal Gujarati .. | 251 | .. | 251 |
| „ .. | Do. .. | | Valibai Girls' School .. .. | Do. do. .. | Do. .. | .. | 299 | 299 |
| „ .. | Do. .. | | C. P. Tank Boys' School .. | No. 186, Mahajanwadi, Thakurdwar. | Do. .. | 158 | .. | 158 |
| „ .. | Do. .. | | C. P. Tank Girls' School .. | Do. do. .. | Do. .. | .. | 104 | 104 |
| „ .. | Bhuleshwar .. | | Sandhurst Road Boys' School .. | Nal Bazar Sandhurst Road .. .. | Municipal Marathi .. | 156 | 22 | 178 |
| „ .. | Do. .. | | Sutar Lane Boys' School .. | 1st Carpenter Street .. .. | Do. .. | 96 | 25 | 121 |
| „ .. | Do. .. | | Cavel Street Boys' School .. | No. 115, Cavel Street .. .. | Do. .. | 91 | 19 | 110 |
| „ .. | Do. .. | | Kalbadevi Boys' School .. | No. 240, Kalbadevi Road .. .. | Do. .. | 61 | .. | 61 |
| „ .. | Do. .. | | Kalbadevi Girls' School .. | Do. do. .. .. | Do. .. | .. | 47 | 47 |
| „ .. | Do. .. | | Princess Street Boys' School .. | No. 160, Kalbadevi Princess Street. | Do. .. | 65 | 13 | 78 |
| „ .. | Do. .. | | Thakurdwar Boys' School .. | No. 434, Thakurdwar Naka .. | Do. .. | 271 | .. | 271 |
| „ .. | Do .. | | Thakurdwar Girls' School .. | Do. do. .. .. | Do. .. | .. | 235 | 235 |
| „ .. | Do. .. | | Bhuleshwar A. V. Boys' School. | Over Bhuleshwar Market .. .. | Municipal Gujarati .. | 491 | .. | 491 |
| „ .. | Do .. | | Bhuleshwar Girls' School .. | Do. .. .. | Do. .. | .. | 177 | 177 |
| „ .. | Do. .. | | Bhuleshwar Lower Primary Girls' School. | 2nd Bhoiwada, Bhuleshwar .. | Do. .. | .. | 88 | 88 |
| „ .. | Do. .. | | Budhivardhak Boys' School .. | No. 160, Kalbadevi Road .. .. | Do. .. | 270 | .. | 270 |
| „ .. | Do. .. | | Kapad Bazar Boys' School .. | No. 506-507, Shaik Memon Street .. | Do. .. | 233 | .. | 233 |
| „ | Do. .. | | Lord Harris Boys' School .. | Princess Street .. .. .. | Do. .. | 226 | .. | 226 |

| Number of Teachers. | | | Annual Expenditure exclusive of Supervision and Medical Inspection Charges. | | | | | Annual Expenditure per head of Pupil. | Average rate of Fees charged. | Result of 4th Standard Examination (conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal Schools). | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' salaries. | Pays of other servants. | Rent, if any. | Contingencies. | Total. | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | | |
| 4 | .. | 4 | 2,508 0 0 | .... | 726 0 0 | 132 0 0 | 3,366 0 0 | 55 0 0 | As. 4, 2 & 1 | 1 | 1 |
| 3 | .. | 3 | 2,175 0 0 | 264 0 0 | 656 0 0 | 132 0 0 | 3,229 0 0 | 50 0 0 | As. 4, 2 & 1 | .... | .... |
| 3 | .. | 3 | 2,708 0 0 | .... | 900 0 0 | 132 0 0 | 3,740 0 0 | 60 0 0 | As. 4 & 2 | .... | .... |
| 5 | .. | 5 | 3,881 0 0 | .... | 900 0 0 | 144 0 0 | 4,925 0 0 | 50 0 0 | As. 4 & 2 | 2 | 2 |
| .. | 3 | 3 | 1,565 0 0 | 275 0 0 | .... | 96 0 0 | 1,936 0 0 | 27 0 0 | As. 2 & 1 | .... | .... |
| .. | 3 | 3 | 1,805 0 0 | 286 0 0 | 900 0 0 | 96 0 0 | 3,087 0 0 | 52 0 0 | A. 1 | .... | .... |
| 5 | .. | 5 | 3,701 0 0 | .... | 1,440 0 0 | 156 0 0 | 5,297 0 0 | 46 0 0 | *Nil* | 4 | 3 |
| 12 | .. | 12 | 11,798 0 | 485 0 0 | 3,678 0 0 | 180 0 0 | 16,142 0 0 | 55 0 0 | As. 7 | 40 | 19 |
| 4 | .. | 4 | 1,375 0 0 | .... | 310 0 0 | 45 0 0 | 1,730 0 0 | 17 0 0 | As. 8, 4, 2 & 1 | 3 | .... |
| .. | 5 | 5 | 3,487 0 0 | 307 0 0 | 1,229 0 0 | 125 0 0 | 5,148 0 0 | 41 0 0 | A. 1 & ps. 6 | 6 | 2 |
| 3 | .. | 3 | 2,648 0 0 | .... | .... | 132 0 0 | 2,780 0 0 | 37 0 0 | As. 4, 2 & 1 | 8 | 3 |
| 5 | .. | 5 | 4,230 0 0 | .... | 2,214 0 0 | 156 0 0 | 6,600 0 0 | 52 0 0 | *Nil* | 2 | .... |
| 4 | .. | 4 | 2,171 0 0 | 161 0 0 | 1,848 0 0 | 135 0 0 | 4,315 0 0 | 65 0 0 | As. 4 & 2 | 1 | .... |
| .. | 2 | 2 | 1,248 0 0 | 276 0 0 | .... | 72 0 0 | 1,596 0 0 | 20 0 0 | A. 1 | 2 | 2 |
| 9 | .. | 9 | 9,771 0 0 | 240 0 0 | 3,900 0 0 | 644 0 0 | 14,055 0 0 | 85 0 0 | As. 8 & 4 | 20 | 12 |
| .. | 6 | 6 | 4,407 0 0 | 258 0 0 | 2,950 0 0 | 105 0 0 | 7,720 0 0 | 66 0 0 | As. 2 & 1 | 8 | 4 |
| 6 | .. | 6 | 4,449 0 0 | .... | 254 0 0 | 117 0 0 | 4,820 0 0 | 39 0 0 | As. 8 & 4 | 16 | 14 |
| .. | 5 | 5 | 3,037 0 0 | 199 0 0 | 540 0 0 | 96 0 0 | 3,873 0 0 | 55 0 0 | As. 6, 4 & 2 | 8 | 6 |
| 9 | .. | 9 | 8,040 0 0 | 242 0 0 | 2,003 0 0 | 456 0 0 | 10,742 0 0 | 42 0 0 | As. 8 & 4 | 32 | 31 |
| .. | 14 | 14 | 12,442 0 0 | 688 0 0 | 2,583 0 0 | 796 0 0 | 16,509 0 0 | 55 0 0 | As. 2 & ps. 4 | .... | .... |
| 8 | .. | 8 | 709 0 0 | 20 0 0 | 95 0 0 | 13 0 0 | 837 0 0 | 63 0 0 | As. 8 & 4 | 32 | 29 |
| .. | 6 | 6 | 5,961 0 0 | 311 0 0 | 960 0 0 | 158 0 0 | 7,390 0 0 | 71 0 0 | As. 4, 2 & 1 | 6 | 3 |
| 8 | .. | 8 | 5,957 0 0 | 238 0 0 | 1,920 0 0 | 156 0 0 | 8,272 0 0 | 47 0 0 | As. 4, 2 & 1 | 18 | 14 |
| 5 | .. | 5 | 3,098 0 0 | .... | 1,600 0 0 | 156 0 0 | 4,854 0 0 | 40 0 0 | As. 3 | 13 | 11 |
| 4 | .. | 4 | 3,190 0 0 | .... | 900 0 0 | 156 0 0 | 4,246 0 0 | 39 0 0 | A. 1 & ps. 9 | 9 | 6 |
| 3 | .. | 3 | 2,703 0 0 | .... | 840 0 0 | 132 0 0 | 3,675 0 0 | 53 0 0 | As. 3 | 5 | 2 |
| .. | 3 | 3 | 2,661 0 0 | 312 0 0 | 840 0 0 | 96 0 0 | 3,909 0 0 | 84 0 0 | As. 3 | 2 | 2 |
| 5 | .. | 5 | 3,634 0 0 | .... | 1,645 0 0 | 156 0 0 | 5,435 0 0 | 69 0 0 | As. 4, 2 & 1 | 10 | 3 |
| 12 | .. | 12 | 10,489 0 0 | 456 0 0 | 1,956 0 0 | 180 0 0 | 13,081 0 0 | 48 0 0 | As. 6 | 46 | 35 |
| .. | 13 | 13 | 9,071 0 0 | 510 0 0 | 1,243 0 0 | 132 0 0 | 10,956 0 0 | 42 0 0 | As. 4 & 2 | 18 | 7 |
| 24 | .. | 24 | 20,465 0 0 | 749 0 0 | 900 0 0 | 178 0 0 | 22,292 0 0 | 49 0 0 | Re. 1, As. 8 & 4. | 66 | 63 |
| .. | 10 | 10 | 9,777 0 0 | 304 0 0 | .... | 120 0 0 | 10,201 0 0 | 57 0 0 | As. 4, 2 & 1 | .... | .... |
| .. | 4 | 4 | 2,726 0 0 | 237 0 0 | 1,200 0 0 | 208 0 0 | 4,371 0 0 | 49 0 0 | A. 1 | .... | .... |
| 11 | .. | 11 | 10,326 0 0 | 276 0 0 | 2,946 0 0 | 225 0 0 | 13,773 0 0 | 51 0 0 | As. 12, 8 & 4 | 34 | 26 |
| 11 | .. | 11 | 11,401 0 0 | 240 0 0 | 2,508 0 0 | 343 0 0 | 14,492 0 0 | 62 0 0 | As. 12, 8 & 4 | | 36 |
| 9 | .. | 9 | 7,234 0 0 | 240 0 0 | 2,051 0 0 | 145 0 0 | 9,670 0 0 | 42 0 0 | As. 8 & 4 | 33 | 26 |

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete, per Census of 1921. | Name of School. | Where Situated. | Description (b) Marathi, Gujarati or Urdu. | Number of Pupils on Roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total |
| C | Bhuleshwar | .... | Princess Street Girls' School | Princess Street | Municipal Gujarati | .. | 122 | 122 |
| „ | Do. | .... | Kalbadevi Girls' School | No. 189-203, Kalbadevi Road | Do. | .. | 360 | 360 |
| „ | Do. | .... | Kapad Bazar Girls' School | Vithalwadi | Do. | .. | 146 | 146 |
| „ | Kumbharwada | .... | Permanand Raja Boys' School. | Kumbharwada 2nd Lane | Municipal Marathi | 173 | .. | 173 |
| „ | Do. | .... | Durgadevi Girls' School | Do. | Do. | .. | 101 | 101 |
| „ | Do. | .... | Durgadevi Night School | Do. | Do. | 32 | .. | 32 |
| „ | Do. | .... | Durgadevi A. V. Boys' School. | Durgadevi Road, near Northbrooke Gardens. | Municipal Gujarati | 257 | .. | 257 |
| „ | Do. | .... | Durgadevi Girls' School | Do. | Do. | .. | 104 | 104 |
| „ | Do. | .... | Bhendi Bazar Boys' School | Nos. 80-82, Bhendi Bazar | Do. | 104 | 17 | 121 |
| „ | Do. | .... | Kika Street Boys' School | Gulalwadi, Nos. 7-19, Kika Street | Do. | 169 | .. | 169 |
| „ | Do. | .... | Kika Street Girls' School | Do. | Do. | .. | 170 | 170 |
| „ | Do. | .... | Nal Bazar Boys' School | Sandhurst Road | Do. | 302 | .. | 302 |
| „ | Do. | .... | Nal Bazar Girls' School | Do. | Do. | .. | 121 | 121 |
| „ | Do. | .... | Nal Bazar Night School | Do. | Do. | 30 | 6 | 36 |
| „ | Do. | .... | Nal Bazar Boys' School | Jariwalla Building, Nal Bazar | Municipal Urdu | 65 | .. | 65 |
| „ | Do. | .... | Ghogari Moholla Boys' School... | Nos. 80-82, Bhendi Bazar | Do. | 100 | .. | 100 |
| „ | Do. | .... | Ghogari Moholla Night School. | Do. | Do. | 16 | .. | 16 |
| „ | Do. | .... | Ghogari Moholla Girls' School | Ghogari Moholla, Bombay No. 9 | Do. | .. | 151 | 151 |
| „ | Do. | .... | Gowli Moholla Boys' School | Gowli Moholla, Old Nagpada | Do. | 61 | 72 | 133 |
| „ | Do. | .... | Gowli Moholla Night School | Do. | Do. | 29 | .. | 29 |
| „ | Do. | .... | Nakhoda Moholla Boys' School. | Nakhoda Moholla, Mandvi | Do. | 4 | 68 | 72 |
| „ | Do. | .... | Jambli Moholla Boys' School | No. 148, Musjid Lane, Ghoghari Moholla. | Do. | 143 | .. | 143 |
| „ | Do. | .... | Nizampura Girls' School | Do. | Do. | .. | 200 | 200 |
| „ | Khara Talao | .... | Khara Talao Boys' School | No. 224, Khoja Street | Do. | 176 | .. | 176 |
| „ | Do. | .... | Khara Talao Girls' School | Do. | Do. | .. | 107 | 107 |
| D | Khetwadi | 11 | Khetwadi A. V. Boys' School... | Ardeshir Dady Street | Municipal Marathi | 178 | 3 | 181 |
| „ | Do. | .... | Khetwadi Girls' School | Do. | Do. | 1 | 46 | 47 |
| „ | Do. | .... | Islampura Boys' School | Khetwadi Main Road | Municipal Urdu | 92 | .. | 92 |
| „ | Do. | .... | West Khetwadi Boys' School. | Khetwadi Back Road | Municipal Marathi | 55 | .. | 55 |
| „ | Do. | .... | West Khetwadi Girls' School | Do. | Do. | .. | 50 | 50 |
| „ | Do. | .... | West Khetwadi Boys' School | Do. | Municipal Gujarati | 93 | .. | 93 |
| „ | Do. | .... | West Khetwadi Girls' School | Do. | Do. | .. | 37 | 37 |
| „ | Girgaum | .... | Angrewadi Boys' School | Girgaum Back Road | Municipal Marathi | 183 | .. | 183 |
| „ | Do. | .... | Angrewadi Girls' School | Do. | Do. | .. | 150 | 150 |
| „ | Do. | .... | Charni Road Boys' School | No. 2A, Charni Road | Do. | 130 | .. | 130 |
| „ | Do. | .... | Charni Road Girls' School | Do. | Do. | .. | 140 | 140 |

| Number of Teachers. | | | Annual Expenditure exclusive of Supervision and Medical Inspection Charges. | | | | | Annual Expenditure per head of Pupil. | Average Rate of Fees charged. | Result of 4th Standard Examination conducted by the Government Deputy Educational Inspector, with help from the Superintendents, Municipal Schools. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' salaries. | Pays of other servants. | Rent, if any. | Contingencies, etc. | Total. | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | | |
| .. | 5 | 5 | 5,003 0 0 | 369 0 0 | 1,935 0 0 | .... | 7,308 0 0 | 59 0 0 | As. 4, 2 & 1 | .... | .... |
| .. | 18 | 18 | 15,708 0 0 | 804 0 0 | 3,780 0 0 | 216 0 0 | 20,508 0 0 | 57 0 0 | As. 4, 2 & 1 | .... | .... |
| .. | 8 | 8 | 7,043 0 0 | 509 0 0 | 2,407 0 0 | 120 0 0 | 10,080 0 0 | 69 0 0 | As. 4, 2 & 1 | .... | .... |
| 7 | .. | 7 | 6,371 0 0 | 43 0 0 | 1,839 0 0 | 180 0 0 | 8,434 0 0 | 49 0 0 | As. 2 pies 6 | 14 | 14 |
| .. | 4 | 4 | 2,868 0 0 | 324 0 0 | 660 0 0 | 120 0 0 | 3,972 0 0 | 39 0 0 | Anna 1 | 4 | 2 |
| 2 | .. | 2 | 486 0 0 | .... | .... | 120 0 0 | 606 0 0 | 19 0 0 | Anna 1 pies 6 | .... | No. IV Std.<br>0 |
| 12 | .. | 12 | 8,898 0 0 | 240 0 0 | 2,906 0 0 | 117 0 0 | 12,162 0 0 | 47 0 0 | As. 8 & 4 | 34 | 22 |
| .. | 4 | 4 | 2,580 0 0 | 264 0 0 | 1,044 0 0 | 96 0 0 | 3,984 0 0 | 38 0 0 | As. 4, 2 & 1 | .... | .... |
| 6 | .. | 6 | 5,556 0 0 | 300 0 0 | 2,220 0 0 | 120 0 0 | 8,196 0 0 | 67 0 0 | As. 4 & 2 | 8 | 6 |
| 7 | .. | 7 | 5,282 0 0 | .... | 1,475 0 0 | 278 0 0 | 7,036 0 0 | 41 0 0 | As. 8 & 4 | 20 | 20 |
| .. | 9 | 9 | 7,461 0 0 | 486 0 0 | 2,740 0 0 | 175 0 0 | 10,863 0 0 | 63 0 0 | As. 4, 2 & 1 | 1 | 1 |
| 13 | .. | 13 | 11,270 0 0 | 430 0 0 | .... | 275 0 0 | 11,975 0 0 | 39 0 0 | As. 12, 8 & 4 | 39 | 30 |
| .. | 6 | 6 | 3,719 0 0 | 222 0 0 | ..... | 180 0 0 | 4,122 0 0 | 34 0 0 | As. 4, 2 & 1 | 18 | 15 |
| 2 | .. | 2 | 514 0 0 | .... | .... | 147 0 0 | 661 0 1 | 18 0 0 | As. 2 & 1 | .... | .... |
| 4 | .. | 4 | 1,272 0 0 | .... | 900 0 0 | 54 0 0 | 2,226 0 0 | 34 0 0 | As. 4 & 2 | .... | .... |
| 6 | .. | 6 | 4,502 0 0 | .... | 1,380 0 0 | 156 0 0 | 6,038 0 0 | 60 0 0 | As. 4 & 2 | 4 | 3 |
| 2 | .. | 2 | 372 0 0 | .... | .... | 120 0 0 | 492 0 0 | 49 0 0 | As. 4 | .... | .... |
| .. | 7 | 7 | 3,461 0 0 | 274 0 0 | 840 0 0 | 144 0 0 | 4,719 0 0 | 31 0 0 | Anna 1 | 8 | 5 |
| 4 | 2 | 6 | 4,733 0 0 | 272 0 0 | 780 0 0 | 144 0 0 | 5,929 0 0 | 44 0 0 | .... | ..... | .... |
| 3 | .. | 3 | 572 0 0 | .... | .... | 120 0 0 | 692 0 0 | 23 0 0 | .... | .... | .... |
| 4 | 2 | 6 | 3,840 0 6 | 270 0 0 | 633 0 0 | 120 0 0 | 4,863 0 0 | 67 0 0 | As. 4, 2 & 1 | .... | .... |
| 14 | .. | 14 | 10,203 0 0 | 246 0 0 | 2,010 0 0 | 156 0 0 | 12,615 0 0 | 88 0 0 | As. 4 & 2 | 8 | 5 |
| .. | 8 | 8 | 6,203 0 0 | 570 0 0 | 998 0 0 | 156 0 0 | 7,927 0 0 | 39 0 0 | Anna 1 | 2 | 2 |
| 11 | .. | 11 | 8,017 0 0 | 240 0 0 | 1,500 0 0 | 180 0 0 | 9,937 0 0 | 56 0 0 | As. 4 & 2 | 6 | 6 |
| .. | 4 | 4 | 2,245 0 0 | 328 0 0 | 120 0 0 | .... | 2,693 0 0 | 25 0 0 | Anna 1 | 2 | 1 |
| 13 | .. | 13 | 12,690 0 0 | 646 0 0 | 600 0 0 | 156 0 0 | 14,092 0 0 | 78 0 0 | As. 8 | 30 | 22 |
| .. | 3 | 3 | 2,544 0 0 | 300 0 0 | 1,200 0 0 | 96 0 0 | 4,140 0 0 | 79 0 0 | Anna 1 pies 6 | 6 | 6 |
| 7 | .. | 7 | 676 0 0 | 182 0 0 | 5,055 0 0 | 132 0 0 | 6,047 0 0 | 63 0 0 | As. 4 & 2 | 8 | 5 |
| 2 | .. | 2 | 1,619 0 0 | .... | 1,870 0 0 | 102 0 0 | 3,591 0 0 | 65 0 0 | As. 3 | .... | No. IV Std. |
| .. | 3 | 3 | 1,914 0 0 | 227 0 0 | 1,532 0 0 | 62 0 0 | 3,736 0 0 | 74 0 0 | As. 2 & 1 | 4 | 3 |
| 3 | .. | 3 | 2,841 0 0 | .... | 2,225 0 0 | 108 0 0 | 5,174 0 0 | 55 0 0 | As. 4 & 2 | .... | .... |
| .. | 2 | 2 | 1,500 0 0 | 205 0 0 | 1,482 0 0 | 72 0 0 | 3,259 0 0 | 88 0 0 | As. 2 & 1 | .... | .... |
| 8 | .. | 8 | 6,755 0 0 | .... | 840 0 0 | 180 0 0 | 7,775 0 0 | 42 0 0 | As. 8 & 4 | 38 | 26 |
| .. | 7 | 7 | 5,565 0 0 | 264 0 0 | 600 0 0 | 120 0 0 | 6,549 0 0 | 44 0 0 | As. 4 & 2 | 19 | 16 |
| 5 | .. | 5 | 4,694 0 0 | .... | 2,085 0 0 | 156 0 0 | 6,935 0 0 | 53 0 0 | As. 6 | 23 | 15 |
| .. | 6 | 6 | 4,280 0 0 | 228 0 0 | 1,800 0 0 | 120 0 0 | 6,428 0 0 | 46 0 0 | As. 4 & 2 | 17 | 8 |

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete, per Census of 1921. | Name of School. | Where situated. | Description. Marathi, Gujarati or Urdu. | Number of Pupils on Roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total. |
| D | Girgaum | | Gamdevi Boys' School | Gamdevi Road | Municipal Marathi | 194 | 7 | 201 |
| „ | Do. | | Gamdevi Girls' School | Do. | Do. | .. | 125 | 125 |
| „ | Do. | | Girgaum Boys' School | Khetwadi Naka, Girgaum Road | Do. | 202 | .. | 202 |
| „ | Do. | | Girgaum Girls' School | Do. | Do. | .. | 236 | 236 |
| „ | Do. | | Kandewadi Boys' School | Kandewadi | Do. | 206 | .. | 206 |
| „ | Do. | | Kandewadi Girls' School | Kandewadi Street | Do. | .. | 200 | 200 |
| „ | Do. | | Lamington Road Boys' School. | Lamington Road | Do. | 271 | .. | 271 |
| „ | Do. | | Lamington Road Girls' School. | Do. | Do. | .. | 277 | 277 |
| „ | Do. | | South Girgaum Boys' School | Jitekar's Wadi, Girgaum | Do. | 218 | .. | 218 |
| „ | Do. | | Reshim Galli Boys' School | Sadashiv Gally Naka, Kandewadi. | Do. | 116 | .. | 116 |
| „ | Do. | | South Girgaum Girls' School | Jitekar's Wadi, Girgaum | Do. | .. | 233 | 233 |
| „ | Do. | | Mugbhat Girls' School | Mugbhat Street | Do | .. | 94 | 94 |
| „ | Do. | | Girgaum Boys' School | No. 192, Girgaum Back Road | Municipal Gujarati | 136 | .. | 136 |
| „ | Do. | | Girgaum Girls' School | Do. | Do. | .. | 98 | 98 |
| „ | Do. | | Kandewadi Boys' School | Girgaum Road, Gaiwadi | Do. | 52 | 2 | 54 |
| „ | Do. | | S. S. Bengalee Girls' School | No. 4, Karelwadi | Do. | 40 | 103 | 143 |
| „ | Do. | | Karelwadi Boys' School | 240, Karelwadi | Municipal Urdu | 60 | 36 | 96 |
| „ | Do. | | Karelwadi Night School | Do. | Do. | 36 | .. | 36 |
| „ | Walkeshwar | | Walkeshwar Boys' School | Walkeshwar Road | Municipal Marathi | 77 | 11 | 88 |
| „ | Do. | | Banganga Boys' School | Doongarsi Road, Walkeshwar | Do. | 136 | 28 | 164 |
| „ | Do. | | Walkeshwar Boys' School | Do. | Municipal Gujerati | 79 | 16 | 95 |
| „ | Mahalaxmi | | Mahalaxmi Boys' School | Warden Road | Municipal Marathi | 56 | 7 | 63 |
| „ | Walkeshwar | | Walkeshwar Boys' School. | Walkeshwar, Dungarsi Road | Municipal Urdu | 14 | 4 | 18 |
| E | Mazagon | 19,705 | Mazagon Boys' School | Dock yard Road, Bhandarwada | Municipal, Marathi | 304 | .. | 304 |
| „ | Do. | | Mazagon Girls' School | Do. | Do. | .. | 64 | 64 |
| „ | Do. | | Mazagon Boys' School | Matarpakhadi Road | Municipal Gujerati | 122 | .. | 122 |
| „ | Do. | | Mazagon Girls' School | Do. | Do. | .. | 43 | 43 |
| „ | Do. | | Mazagon Boys' School | Matarpakahadi P. O. 10 Bombay; | Municipal Urdu | 78 | .. | 78 |
| „ | Do. | | Mazagon Girls' School | Do. | Do. | .. | 42 | 42 |
| „ | Tadwadi | | Jackeria Bunder Boys' School. | Jackeria Bunder Naka, Shivdi New Road. | Municipal Marathi | 110 | 8 | 118 |
| „ | Do. | | Jackeria Bunder Night School. | Do. | Do. | 30 | .. | 30 |
| „ | Do. | | Ghodapdeo Boys' School | Ghodapdeo Road | Do. | 301 | .. | 301 |
| „ | Do | | Ghodapdeo Girls' School | Do. | Do. | .. | 54 | 54 |
| „ | Do. | | Ghodapdeo Night School | Do. | Do. | 64 | .. | 64 |
| „ | Do. | | Tank Bunder Boys' School | 8, Tank Bunder | Municipal Urdu | 114 | .. | 114 |
| „ | Do. | | Tank Bunder Girls' School | Do. | Do. | .. | 81 | 81 |

| Number of Teachers. | | | Annual Expenditure, exclusive Supervision and Medical Inspection Charges. | | | | | Annual Expenditure per head of Pupil. | Average Rate of Fees charged. | Result of 4th Standard Examination conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal Schools. | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' Salaries. | Pays of other Servants. | Rent, if any. | Contingencies, etc. | Total. | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | | |
| 10 | .. | 10 | 7,651 0 0 | 240 0 0 | 3,075 0 0 | 156 0 0 | 11,122 0 0 | 55 0 0 | As. 8 & 4 | 36 | 29 |
| .. | 6 | 6 | 4,518 0 0 | 261 0 0 | 1,200 0 0 | 120 0 0 | 6,098 0 0 | 48 0 0 | As. 2 & 1 | 12 | 8 |
| 10 | .. | 10 | 10,576 0 0 | 200 0 0 | 1,716 0 0 | 190 0 0 | 12,682 0 0 | 61 0 0 | As. 8 & 4 | 50 | 40 |
| .. | 11 | 11 | 10,014 0 0 | 564 0 0 | 1,716 0 0 | 120 0 0 | 12,414 0 0 | 52 0 0 | As. 4 & 2 | 16 | 13 |
| 10 | .. | 10 | 8,544 0 0 | 459 0 0 | 2,348 0 0 | 180 0 0 | 11,531 0 0 | 56 0 0 | As. 8 & 4 | 36 | 36 |
| .. | 11 | 11 | 8,982 0 0 | 510 0 0 | 1,920 0 0 | 132 0 0 | 11,544 0 0 | 58 0 0 | As. 3 | 15 | 12 |
| 14 | .. | 14 | 12,615 0 0 | 478 0 0 | 4,040 0 0 | 180 0 0 | 17,313 0 0 | 52 0 0 | As. 8, 6 & 4 | 58 | 53 |
| .. | 15 | 15 | 12,380 0 0 | 698 0 0 | 1,925 0 0 | 132 0 0 | 15,135 0 0 | 57 0 0 | As. 4 & 2 | 20 | 16 |
| 10 | .. | 10 | 9,646 0 0 | 246 0 0 | 2,560 0 0 | 156 0 0 | 12,608 0 0 | 47 0 0 | As. 8 & 4 | 70 | 47 |
| 5 | .. | 5 | 3,890 0 0 | .... | 1,428 0 0 | 156 0 0 | 5,474 0 0 | 42 0 0 | As. 6 | 18 | 11 |
| .. | 11 | 11 | 9,295 0 0 | 548 0 0 | 3,524 0 0 | 422 0 0 | 13,789 0 0 | 54 0 0 | As. 6 | 17 | 7 |
| .. | 3 | 3 | 2,292 0 0 | 264 0 0 | 1,775 0 0 | 72 0 0 | 4,403 0 0 | 71 0 0 | Anna 1 pies 6 | .... | .. |
| 6 | .. | 6 | 5,333 0 0 | .... | 2.023 0 0 | 154 0 0 | 7,510 0 0 | 55 0 0 | As. 8 & 4 | 22 | 19 |
| .. | 5 | 5 | 5,263 0 0 | 265 0 0 | 1,659 0 0 | 129 0 0 | 7,318 0 0 | 74 0 0 | As. 4, 2 & 1 | 2 | 2 |
| 3 | .. | 3 | 2,748 0 0 | 264 0 0 | 1,080 0 0 | 108 0 0 | 4,200 0 0 | 77 0 0 | As. 6 | 3 | 2 |
| .. | 8 | 8 | 9,028 0 0 | 565 0 0 | .... | 139 0 0 | 9,732 0 0 | 68 0 0 | As. 8 | .... | .. |
| 5 | .. | 5 | 2,878 0 0 | 67 0 0 | 720 0 0 | 132 0 0 | 3,797 0 0 | 39 0 0 | As. 4, 2 & 1 | .... | .. |
| 3 | .. | 3 | 213 0 0 | .... | .... | 60 0 0 | 273 0 0 | 7 0 0 | Anna 1 | .... | .. |
| 4 | .. | 4 | 3,360 0 0 | .... | 1,650 0 0 | 142 0 0 | 5,152 0 0 | 58 0 0 | As. 2 | 8 | 2 |
| 7 | .. | 7 | 4,116 0 0 | 272 0 0 | 480 0 0 | 120 0 0 | 4,988 0 0 | 30 0 0 | As. 4, 2 & 1 | 4 | 4 |
| 5 | .. | 5 | 4,187 0 0 | 264 0 0 | 720 0 0 | 120 0 0 | 5,292 0 0 | 55 0 0 | Re. 1 anna 1 | 15 | 2 |
| 3 | .. | 3 | 2,625 0 0 | .... | 780 0 0 | 132 0 0 | 3,537 0 0 | 56 0 0 | As. 2 | 7 | 4 |
| 3 | .. | 3 | 1,862 0 0 | .... | 480 0 0 | 108 0 0 | 2,450 0 0 | 136 0 0 | As. 4, 2 & 1 | .... | .. |
| 12 | .. | 12 | 9,939 0 0 | 434 0 0 | 2,081 0 0 | 180 0 0 | 12,635 0 0 | 38 0 0 | As. 4 & 2 | 27 | 20 |
| .. | 4 | 4 | 3,071 0 0 | 307 0 0 | 1,040 0 0 | 96 0 0 | 4,464 0 0 | 70 0 0 | As. 2 & 1 | 1 | .. |
| 5 | .. | 5 | 3,350 0 0 | .... | 1,560 0 0 | 132 0 0 | 5,042 0 0 | 41 0 0 | As. 4 & 2 | 4 | 4 |
| .. | 2 | 2 | 1,602 0 0 | 276 0 0 | 1,560 0 0 | 72 0 0 | 3,510 0 0 | 81 0 0 | As. 4, 2 & 1 | .... | .. |
| 5 | .. | 5 | 4,080 0 0 | 132 0 0 | 2,820 0 0 | 144 0 0 | 7,176 0 0 | 92 0 0 | As. 4 & 2 | .... | .. |
| .. | 2 | 2 | 1,284 0 0 | 260 0 0 | .... | 72 0 0 | 1,616 0 0 | 36 0 0 | Anna 1 | .... | .. |
| 5 | .. | 5 | 3,900 0 0 | .... | 1,500 0 0 | 156 0 0 | 5,556 0 0 | 47 0 0 | As. 2 pies 6 | 4 | 2 |
| 2 | .. | 2 | 420 0 0 | .... | .... | 120 0 0 | 540 0 0 | 14 0 0 | Anna 1 pies 6 | .... | .. |
| 12 | .. | 12 | 9,584 0 0 | 273 0 0 | 1 456 0 0 | 180 0 0 | 11,494 0 0 | 38 0 0 | As. 4 & 2 | 22 | 21 |
| .. | 2 | 2 | 1,932 0 0 | 264 0 0 | .... | 108 0 0 | 2,304 0 0 | 43 0 0 | As. 2 & 1 | .... | .. |
| 4 | .. | 4 | 783 0 0 | .... | .... | 120 0 0 | 903 0 0 | 14 0 0 | As. 2 & 1 | .... | .. |
| 8 | .. | 8 | 4,613 0 0 | .... | 458 0 0 | 135 0 0 | 5,206 0 0 | 45 0 0 | As. 4 & 2 | 7 | 2 |
| .. | 3 | 3 | 812 0 0 | 135 0 0 | 150 0 0 | 30 0 0 | 1,127 0 0 | 13 0 0 | Anna 1 | .... | .. |

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete, per census of 1921. | Name of School. | Where situated. | Description. Marathi, Gujarati or Urdu. | Number of Pupils on Roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total |
| E .. | Tadwadi .. | | Tank Bunder Boys' School .. | Tank Bunder Road .. .. .. | Municipal Marathi .. | 40 | 9 | 49 |
| „ .. | Do. .. | | Victoria Gardens Boys' School. | Khoja Karim & Co., Byculla .. | Do. .. | 63 | 8 | 71 |
| „ .. | First Nagpada .. | | Duncan Road Nirashrit Boys' School. | Upper Duncan Road .. .. | Do. .. | 199 | 18 | 217 |
| „ .. | Do. .. | | New Nagpada Boys' School .. | New Nagpada .. .. .. | Do. .. | 167 | .. | 167 |
| „ .. | Do. .. | | New Nagpada Girls' School .. | Do. .. .. .. | Do. .. | .. | 99 | 99 |
| „ .. | Do. .. | | Khandia Street Boys' School.. | 180, Chimna Butcher Street .. | Municipal Urdu .. | 162 | 214 | 376 |
| „ .. | Do. .. | | Khandia Street Night School .. | Do. .. .. | Do. .. | 40 | .. | 40 |
| „ .. | Do. .. | | Jafferbhoy Rehimtoola Boys' School. | Sandhurst Road .. .. .. | Do. .. | 125 | .. | 125 |
| „ .. | Do. .. | | Imamwada Girls' School .. | Bhendi Bazar .. .. .. | Do. .. | .. | 80 | 80 |
| „ .. | Do. .. | | Nagpada Boys' School.. .. | Huzeria Street .. .. .. | Do. .. | 120 | .. | 120 |
| „ .. | Do. .. | | Nagpada Girls' School .. | Do. .. .. .. .. | Do. .. | .. | 157 | 157 |
| „ .. | Second Nagpada .. | | Chhatrisarang Boys' School .. | Nishanpada Road, New Nagpada.. | Do. .. | 147 | .. | 147 |
| „ .. | Do. .. | | Chhatrisarang Girls' School .. | Do. do. | Do. .. | .. | .. | .. |
| „ .. | Kamatipura .. | | Kamatipura Nirashrit Boys' School. | Foras Road .. .. .. .. | Municipal Marathi .. | 292 | .. | 292 |
| „ .. | Do. .. | | Kamatipura Nirashrit Girls' School. | Do. .. .. .. | Do. .. | .. | 46 | 46 |
| „ .. | Do. .. | | Kamatipura Nirashrit Night School. | Do. .. .. .. | Do. .. | 30 | .. | 30 |
| „ .. | Do. . | | Kamatipura A. V. Boys' School. | Kamatipura 10th Lane .. .. | Do. .. | 225 | 2 | 227 |
| „ .. | Do .. | | Kamatipura Night School .. | Do. .. .. | Do. .. | 38 | .. | 38 |
| „ .. | Do. .. | | Kamatipura Girls' School .. | Do. .. .. | Do. .. | .. | 131 | 131 |
| „ .. | Do. .. | | Kamatipura Bazar Road Boys' School. | 1st Lane Centre Road, Kamatipura. | Do. .. | 113 | 18 | 131 |
| „ .. | Do. .. | | Telli Moholla Boys' School .. | Telli Moholla.. .. .. .. | Municipal Urdu .. | 90 | .. | 90 |
| „ .. | Do. .. | | Telli Moholla Girls' School .. | Do. .. .. .. .. | Do. .. | .. | 121 | 121 |
| „ .. | Do. .. | | Telli Moholla Night School .. | Do. .. .. .. .. | Do. .. | 25 | .. | 25 |
| „ .. | Do. .. | | Kamatipura Bazar Road Boys' School. | 1st Lane Centre Road, Kamatipura. | Do. .. | 68 | 27 | 95 |
| „ .. | Do. .. | | Temkar Street Boys' School .. | Temkar Street .. .. .. | Do. .. | 63 | .. | 63 |
| „ .. | Do. .. | | Temkar Street Girls' School .. | Do. .. .. .. | Do. .. | .. | 98 | 98 |
| „ .. | Do. .. | | Temker Street Night School .. | Do. .. .. .. | Do. .. | 25 | .. | 25 |
| „ .. | Do. .. | | Underia Street Boys' School .. | 118, 124, Underia Street .. .. | Do. .. | 54 | .. | 54 |
| „ .. | Do. .. | | Underia Street Girls' School .. | Do. .. .. | Do. .. | .. | 70 | 70 |
| „ .. | Do. .. | | Underia Street Night School.. | Do. .. .. .. | Do. .. | 30 | .. | 30 |
| „ .. | Do. .. | | Kamatipura Boys' School .. | Kamatipura .. .. .. .. | Do. .. | 72 | 32 | 104 |
| „ .. | Tardeo .. | | Grant Road Boys' School .. | Chikelwadi .. .. .. .. | Municipal Marathi .. | 214 | .. | 214 |
| „ .. | Do. .. | | Grant Road Girls' School .. | Do. .. .. .. .. | Do. .. | .. | 133 | 133 |
| „ .. | Do. .. | | Tardeo Boys' School .. .. | Lamington Road .. .. .. | Do. .. | 209 | .. | 209 |
| „ .. | Do. .. | | Tardeo Girls' School .. .. | Do. .. .. .. | Do. .. | .. | 60 | 60 |
| „ .. | Do. .. | | Tardeo Night School .. .. | Do. .. .. .. | Do. .. | 17 | .. | 17 |

| Number of Teachers. | | | Annual Expenditure of Supervision and Medical Inspection Charges. | | | | | Annual Expenditure per head of Pupil. | Average rate of Fees charged. | Result of 4th Standard Examination (conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal Schools.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' salaries. | Pays of other servants. | Rent, if any. | Contingencies, etc. | Total. | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a p. | Rs. a. p. | Rs. a. p. | | | |
| 3 | .. | 3 | 507 0 0 | .... | 255 0 0 | 13 0 0 | 775 0 0 | 15 0 0 | As. 4, 2 & 1 | .... | .... |
| 3 | .. | 3 | 1,765 0 0 | .... | 1,450 0 0 | 90 0 0 | 3,305 0 0 | 46 0 0 | As. 4 & 2 | .... | .... |
| 7 | .. | 7 | 4,640 0 0 | .... | 490 0 0 | 160 0 0 | 5,290 0 0 | 27 0 0 | Free | 7 | 6 |
| 6 | .. | 6 | 5,029 0 0 | .... | 1,393 0 0 | 156 0 0 | 6,578 0 0 | 36 0 0 | As. 2 & p. 6 | 14 | 13 |
| .. | 4 | 4 | 3,596 0 0 | 269 0 0 | 1,294 0 0 | 96 0 0 | 5,256 0 0 | 53 0 0 | Anna 1 | 6 | 6 |
| 9 | 5 | 14 | 10,607 0 0 | 731 0 0 | 1,716 0 0 | 156 0 0 | 13,210 0 0 | 35 0 0 | As. 3 | 9 | 9 |
| 3 | .. | 3 | 555 0 0 | .... | .... | .... | 555 0 0 | 13 0 0 | Anna 1 | .... | .... |
| 7 | .. | 7 | 4,270 0 0 | 238 0 0 | .... | 121 0 0 | 4,629 0 0 | 37 0 0 | As. 4 & 2 | 4 | 4 |
| .. | 4 | 4 | 1,916 0 0 | 312 0 0 | 1,458 0 0 | 96 0 0 | 3,782 0 0 | 47 0 0 | As. 2 & 1 | .... | .... |
| 11 | .. | 11 | 8,736 0 0 | .... | 2,640 0 0 | 156 0 0 | 11,532 0 0 | 96 0 0 | As. 4 & 2 | 5 | 1 |
| 1 | 9 | 10 | 5,101 0 0 | 3,396 0 0 | .... | 1,440 0 0 | 9,937 0 0 | 63 0 0 | Anna 1 | 55 | 38 |
| 12 | .. | 12 | 12,108 0 0 | 240 0 0 | 2,520 0 0 | 156 0 0 | 15,024 0 0 | 102 0 0 | As. 4 & 2 | 4 | 4 |
| .. | .. | .. | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 11 | .. | 11 | 9,117 0 0 | 478 0 0 | 1,824 0 0 | 180 0 0 | 11,599 0 0 | 44 0 0 | Free | 16 | 14 |
| .. | 3 | 3 | 2,297 0 0 | 262 0 0 | 209 0 0 | 96 0 0 | 2,864 0 0 | 66 0 0 | Do. | 1 | 1 |
| 2 | .. | 2 | 364 0 0 | .... | .... | 120 0 0 | 484 0 0 | 15 0 0 | Do. | .... | .. |
| 13 | .. | 13 | 10,421 0 0 | 442 0 0 | 2,574 0 0 | 180 0 0 | 13,617 0 0 | 60 0 0 | As. 8, 4 & 2 | 27 | 25 |
| 3 | .. | 3 | 563 0 0 | .... | .... | 120 0 0 | 683 0 0 | 18 0 0 | As. 2 & 1 | .... | .... |
| .. | 6 | 6 | 6,256 0 0 | 303 0 0 | 660 0 0 | 120 0 0 | 7,339 0 0 | 115 0 0 | As. 2 & 1 | 2 | .... |
| 5 | .. | 5 | 3,218 0 0 | .... | 1,450 0 0 | 132 0 0 | 4,800 0 0 | 36 0 0 | As. 4, 2 & 1 | 3 | 1 |
| 6 | .. | 6 | 3,720 0 0 | .... | 1,200 0 0 | 167 0 0 | 5,087 0 0 | 56 0 0 | As. 3 | 2 | .... |
| .. | 6 | 6 | 3,598 0 0 | 268 0 0 | 2,067 0 0 | 156 0 0 | 6,090 0 0 | 50 0 0 | Anna 1 | .... | .... |
| 2 | .. | 2 | 341 0 0 | .... | .... | 138 0 0 | 479 0 0 | 19 0 0 | Anna 1 | .... | .... |
| 5 | .. | 5 | 3,002 0 0 | .... | 2,100 0 0 | 132 0 0 | 5,234 0 0 | 55 0 0 | As. 4, 2 & 1 | 2 | 2 |
| 5 | .. | 5 | 4,428 0 0 | .... | 900 0 0 | 174 0 0 | 5,503 0 0 | 87 0 0 | As. 4 & 2 | 4 | 1 |
| .. | 5 | 5 | 1,902 0 0 | 319 0 0 | 6 0 0 | 96 0 0 | 2,324 0 0 | 23 0 0 | Anna 1 | .... | .... |
| 2 | .. | 2 | 256 0 0 | .... | .... | 170 0 0 | 426 0 0 | 17 0 0 | Anna 1 | .... | .... |
| 3 | .. | 3 | 2,853 0 0 | .... | 58 0 0 | 48 0 0 | 2,959 0 0 | 51 0 0 | As. 4 & 2 | .... | .... |
| .. | 3 | 3 | 1,815 0 0 | 306 0 0 | .... | 72 0 0 | 2,194 0 0 | 31 0 0 | As. 2 & 1 | 2 | 1 |
| 2 | .. | 2 | 350 0 0 | .... | .... | 100 0 0 | 50 0 0 | 15 0 0 | As. 4 | .... | .... |
| 3 | .. | 3 | 2,398 0 0 | .... | 600 0 0 | 108 0 0 | 3,106 0 0 | 29 0 0 | As. 4, 2 & 1 | .... | .... |
| 8 | .. | 8 | 6,675 0 0 | 240 0 0 | 3,597 0 0 | 180 0 0 | 10,692 0 0 | 49 0 0 | As. 3. | 23 | 23 |
| .. | 6 | 6 | 4,721 0 0 | 275 0 0 | 2,444 0 0 | 120 0 0 | 7,560 0 0 | 57 0 0 | As. 1½ | 4 | 3 |
| 9 | .. | 9 | 8,925 0 0 | 244 0 0 | 1,331 0 0 | 156 0 0 | 10,657 0 0 | 40 0 0 | As. 3 | 24 | 23 |
| .. | 3 | 3 | 2,403 0 0 | 367 0 0 | 594 0 0 | 96 0 0 | 3,460 0 0 | 56 0 0 | As. 2 & 1 | 5 | |
| 2 | .. | 2 | 423 0 0 | .... | .... | 120 0 0 | 543 0 0 | 25 0 0 | As. 2 & 1 | .... | .... |

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete, per census of 1911. | Name of School. | Where situated. | Description. Marathi, Gujarati or Urdu. | Number of Pupils on Roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total. |
| E .. | Tardeo .. | | Tardeo Bridge Boys' School .. | Arthur Road, Tardeo .. .. | Municipal Marathi .. | 190 | .. | 190 |
| „ .. | Do. .. | | Tardeo Bridge Girls' School .. | Do. .. .. | Do. .. | .. | 52 | 52 |
| „ .. | Do. .. | | Sleater Road Boys' School .. | Shastri Hall, Tardeo Road .. | Do. .. | 102 | 25 | 127 |
| „ .. | Do. .. | | Bapty Road Nirashrit Boys' School. | 58, 60, Kamatipura 1st Lane .. | Municipal Gujerati . | 121 | 1 | 122 |
| „ .. | Do. .. | | Bapty Road Nirashrit Girls' School. | Arab Lane, Grant Road .. .. | Do. .. | .. | 35 | 35 |
| „ .. | Do. .. | | Grant Road Boys' School .. | 339, Grant Road .. .. .. | Do. .. | 86 | .. | 86 |
| „ .. | Do. .. | | Grant Road Girls' School .. | Do. .. .. .. | Do. .. | .. | 50 | 50 |
| „ .. | Do. .. | | Bapty Road Boys' School .. | 221—227, Bapty Road .. .. | Municipal Urdu .. | 47 | 40 | 87 |
| „ .. | Do. .. | | Falkland Road Boys' School .. | 43. 9th Cross Lane, Falkland Road. | Do. .. | 117 | .. | 117 |
| „ .. | Do. .. | | Falkland Road Girls' School .. | Do. .. | Do. .. | .. | 93 | 93 |
| „ .. | Do. .. | | Falkland Road Night School. | Do. .. | Do. .. | 28 | .. | 28 |
| „ .. | Do. .. | | Tardeo Boys' School .. .. | Lamington Road, Tardeo .. .. | Do. .. | 46 | 34 | 80 |
| „ .. | Byculla .. | | Byculla Boys' School .. .. | Clerk Road .. .. .. .. | Municipal Marathi . | 281 | .. | 281 |
| „ .. | Do. .. | | Byculla Girls' School .. .. | DeLisle Road .. .. .. .. | Do. .. | .. | 113 | 113 |
| „ .. | Do. .. | | Byculla Night School .. .. | Do. .. .. .. | Do. .. | 25 | .. | 25 |
| „ .. | Do. .. | | Byculla Nirashrit Night School | Clarke Road, Jacob Circle .. .. | Do. .. | 27 | .. | 27 |
| „ .. | Do. .. | | Chinchpoogli Boys' School .. | Parel Road .. .. .. .. | Do. .. | 319 | .. | 319 |
| „ .. | Do. .. | | Chinchpoogli Girls' School .. | Do. .. .. .. .. | Do. .. | .. | 101 | 101 |
| „ .. | Do. .. | | Chinchpoogli Night School .. | Do. .. .. .. .. | Do. .. | 51 | .. | 51 |
| „ .. | Do. .. | | Madanpura Boys' School .. | Madanpura .. .. .. .. | Do. .. | 107 | 45 | 152 |
| „ .. | Do. .. | | Madanpura Night School .. | Do. .. .. .. | Do. .. | 12 | .. | 12 |
| „ .. | Do. .. | | Madanpura Nirashrit Boys' School. | 108, Morland Road.. .. .. | Do. .. | 207 | 2 | 209 |
| „ .. | Do. .. | | Madanpura Nirashrit Girls' School. | Ripon Road .. .. .. .. | Do. .. | .. | 60 | 60 |
| „ .. | Do. .. | | Safrabadi Ripon Road Nirashrit Boys' School. | Do. .. .. .. .. | Do. .. | 109 | 1 | 110 |
| „ .. | Do. .. | | Seven Roads Boys' School .. | Jacob Circle .. .. .. .. | Do. .. | 138 | 13 | 151 |
| „ .. | Do. .. | | Byculla Boys' School .. | 20, DeLisle Road .. .. .. | Municipal Gujarati .. | 32 | 8 | 40 |
| „ .. | Do. .. | | Byculla Girls' School .. .. | Khambatta Lane .. .. .. | Do. .. | 39 | 22 | 61 |
| „ .. | Do. .. | | Kalachowki Nirashrit Boys' School. | Kalachowki Road .. .. .. | Do. .. | 45 | 6 | 51 |
| „ .. | Do. .. | | Seven Roads Boys' School .. | Clerk Road .. .. .. .. | Do. .. | 62 | 10 | 72 |
| „ .. | Do. .. | | Byculla Boys' School .. .. | Gujeri Bazar .. .. .. | Municipal Urdu .. | 75 | .. | 75 |
| „ .. | Do. .. | | Byculla Girls' School .. .. | Do. .. .. .. | Do. .. | .. | 67 | 67 |
| „ .. | Do. .. | | Byculla Station Road Boys' School. | Station Road. Byculla .. .. | Do. .. | 61 | .. | 61 |
| „ .. | Do. .. | | Carroll Road Boys' School .. | New Foras Road .. .. .. | Do. .. | 50 | 6 | 56 |
| „ .. | Do. .. | | DeLisle Road Boys' School .. | Haines Road Agripada .. .. | Do. .. | .. | .. | .. |
| „ .. | Do. .. | | De Lisle Road Night School.. | Do. .. .. .. | Do .. | 28 | .. | 28 |
| „ .. | Do. .. | | DeLisle Road Girls' School .. | No. 26, DeLisle Road Bombay (8).. | Do. .. | .. | 55 | 55 |

| Number of Teachers. | | | Annual Expenditure exclusive of supervision and Medical Inspection Charges. | | | | | Annual Expenditure per head of Pupil. | Average rate of Fees charged. | Result of 4th Standard Examination (conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal Schools.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' salaries. | Pays of other servants. | Rent, if any. | Contingencies, etc. | Total. | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | | |
| 7 | .. | 7 | 4,854 0 0 | .... | 307 0 0 | 180 0 0 | 5,341 0 0 | 28 0 0 | Annas 2 | 11 | 6 |
| .. | 8 | 8 | 622 0 0 | 70 0 0 | 500 0 0 | 20 0 0 | 1,212 0 0 | 23 0 0 | .... | .... | .... |
| 5 | .. | 5 | 3,587 0 0 | .... | 689 0 0 | 156 0 0 | 4,432 0 0 | 30 0 0 | As. 4 & 2 | 14 | 11 |
| 6 | .. | 6 | 3,464 0 0 | .... | 2,760 0 0 | 769 0 0 | 6,994 0 0 | 57 0 0 | .... | 6 | 4 |
| .. | 2 | 2 | 1,476 0 0 | 258 0 0 | 840 0 0 | 72 0 0 | 2,646 0 0 | 75 0 0 | .... | .... | .... |
| 5 | .. | 5 | 4,047 0 0 | .... | 1,008 0 0 | 132 0 0 | 5,187 0 0 | 60 0 0 | As. 8 & 4 | 19 | 18 |
| .. | 3 | 3 | 3,350 0 0 | 296 0 0 | 720 0 0 | 126 0 0 | 4,492 0 0 | 89 0 0 | As. 4, 2 & 1 | 3 | 3 |
| 6 | 1 | 7 | 4,802 0 0 | 322 0 0 | 850 0 0 | 120 0 0 | 6,095 0 0 | 70 0 0 | As. 4, 2 & 1 | 1 | 1 |
| 8 | .. | 8 | 4,083 0 0 | .... | 1,346 0 0 | 80 0 0 | 5,509 0 0 | 47 0 0 | As. 4 & 2 | 2 | 2 |
| .. | 3 | 3 | 1,191 0 0 | 270 0 0 | .... | 96 0 0 | 1,557 0 0 | 16 0 0 | Anna 1 | 1 | 1 |
| 2 | .. | 2 | 110 0 0 | .... | .... | 40 0 0 | 150 0 0 | 5 0 0 | As. 2 & 1 | .... | .... |
| 4 | 1 | 5 | 3,097 0 0 | 258 0 0 | 720 0 0 | 120 0 0 | 4,196 0 0 | 52 0 0 | As. 2 ps. 4 | .... | .... |
| 12 | .. | 12 | 7,788 0 0 | 240 0 0 | 3,870 0 0 | 156 0 0 | 12,054 0 0 | 37 0 0 | As. 4 & 2 | 30 | 18 |
| .. | 5 | 5 | 4,831 0 0 | 300 0 0 | 1,680 0 0 | 120 0 0 | 6,931 0 0 | 60 0 0 | As. 2 & 1 | 6 | 2 |
| 2 | .. | 2 | 472 0 0 | .... | .... | 120 0 0 | 592 0 0 | 23 0 0 | As. 2 & 1 | .... | .... |
| 2 | .. | 2 | 142 0 0 | .... | .... | 34 0 0 | 176 0 0 | 6 0 0 | Free. | .... | .... |
| 16 | .. | 16 | 12,930 0 0 | 492 0 0 | 3,259 0 0 | 180 0 0 | 16,861 0 0 | 47 0 0 | As. 4, 3 & 2 | 35 | 28 |
| .. | 6 | 6 | 4,486 0 0 | 208 0 0 | 1,078 0 0 | 120 0 0 | 5,892 0 0 | 58 0 0 | As. 2 & 1 | 4 | 1 |
| 4 | .. | 4 | 818 0 0 | .... | .... | 120 0 0 | 938 0 0 | 18 0 0 | A. 1 ps. 6 | .... | .... |
| 6 | .. | 6 | 4,956 0 0 | .... | 456 0 0 | 156 0 0 | 5,568 0 0 | 36 0 0 | As. 4, 2 & 1 | 9 | 9 |
| 2 | .. | 2 | 72 0 0 | .... | .... | 20 0 0 | 92 0 0 | 7 0 0 | .... | .... | .... |
| 7 | .. | 7 | 5,467 0 0 | 74 0 0 | 1,543 0 0 | 180 0 0 | 7,264 0 0 | 34 0 0 | Free. | 8 | 8 |
| .. | 3 | 3 | 2,144 0 0 | 264 0 0 | 1,800 0 0 | 96 0 0 | 4,304 0 0 | 60 0 0 | Do, | .... | .... |
| 4 | .. | 4 | 2,419 0 0 | .... | 396 0 0 | 108 0 0 | 2,923 0 0 | 35 0 0 | Do. | .... | .... |
| 7 | .. | 7 | 5,952 0 0 | .... | 1,476 0 0 | 180 0 0 | 7,608 0 0 | 50 0 0 | Annas 3 | 7 | 5 |
| 3 | .. | 3 | 2,565 0 0 | .... | 780 0 0 | .... | 3,345 0 0 | 83 0 0 | As. 4, 2 & 1 | 4 | 1 |
| .. | 3 | 3 | 2,507 0 0 | 308 0 0 | 594 0 0 | .... | 3,409 0 0 | 55 0 0 | As. 4 & 2 | .... | .... |
| 3 | .. | 3 | 2,064 0 0 | .... | 1,107 0 0 | 96 0 0 | 3,269 0 0 | 64 0 0 | .... | .... | .... |
| 3 | .. | 3 | 2,024 0 0 | ... | 528 0 0 | 108 0 0 | 2,661 0 0 | 36 0 0 | As. 4 & 2 | 3 | 3 |
| 4 | .. | 4 | 3,668 0 0 | .... | 516 0 0 | 157 0 0 | 4,341 0 0 | 57 0 0 | As. 4 & 2 | 3 | .... |
| .. | 2 | 2 | 820 0 0 | 180 0 0 | .... | 48 0 0 | 1,048 0 0 | 15 0 0 | Anna 1 | .... | .... |
| 5 | .. | 5 | 3,011 0 0 | .... | 792 0 0 | 105 0 0 | 3,908 0 0 | 64 0 0 | Anna 1 | .... | .... |
| 3 | .. | 3 | 2,208 0 0 | .... | 1,230 0 0 | 108 0 0 | 3.546 0 0 | 63 0 0 | As. 4, 2 & 1 | .... | .... |
| Aboli | shed. | | | | | | | | | | |
| 2 | .. | 2 | 418 0 0 | .... | .... | 120 0 0 | 538 0 0 | 19 0 0 | Anna 1 | .... | .... |
| .. | 2 | 2 | 378 0 0 | 66 0 0 | 90 0 0 | 18 0 0 | 552 0 0 | 10 0 0 | Anna 1 | .... | .... |

| Ward. | Section. | Population of Primary School going Age. Estimate of children from 7 complete to 12 complete per census of 1921. | Name of School. | Where Situated. | Description; Marathi, Gujarati or Urdu. | Number of Pupils on roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total. |
| E .. | Byculla .. .. | | Jacob Circle Boys' School .. | Jacob Circle .. .. .. .. | Municipal Urdu .. | 90 | .. | 90 |
| " .. | Do. .. .. | | Jacob Circle Girls' School .. | Do. .. .. .. | Do. .. | .. | 69 | 69 |
| " .. | Do. .. .. | | Kalapani Boys' School .. | Kalapani Madanpura .. .. | Do. .. | 58 | 33 | 91 |
| " .. | Do. .. .. | | Madanpura Boys' School .. | Madanpura Morland Road .. | Do. .. | 190 | .. | 190 |
| " .. | Do. .. .. | | Madanpura Girls' School .. | Do. .. .. | Do .. | .. | 143 | 143 |
| " .. | Do. .. .. | | Moreland Road Boys' School.. | Morland Road .. .. .. | Do. .. | 104 | .. | 104 |
| " .. | Do. .. .. | | Moreland Road Girls' School.. | Do. .. .. .. | Do. .. | .. | 66 | 66 |
| " .. | Do. .. .. | | Ripon Road Boys' School .. | Ripon Road .. .. .. .. | Do. .. | 125 | .. | 125 |
| " .. | Do .. .. | | Ripon Road Girls' School .. | Do. .. .. .. .. | Do. .. | .. | 76 | 76 |
| " .. | Do. .. .. | | Ripon Road Night School .. | Do. .. .. .. .. | Do .. | 21 | .. | 21 |
| " .. | Do. .. .. | | Safrabadi Boys' School .. | Ghelabhai Street .. .. .. | Do. .. | 81 | .. | 81 |
| " .. | Do. .. .. | | Safrabadi Girls' School .. | Do. .. .. .. | Do. .. | .. | .. | .. |
| " .. | Do. .. .. | | Sankli Street Boys' School .. | Ripon Road .. .. .. .. | Do. .. | 114 | .. | 114 |
| " .. | Do. .. .. | | Sankli Street Night School .. | Do. .. .. .. .. | Do. .. | 30 | .. | 30 |
| " .. | Do. .. .. | | Surti Moholla Boys' School .. | Surti Moholla .. .. .. | Do. .. | 49 | 18 | 67 |
| " .. | Do. .. .. | | Tank Street Boys' School .. | Khandia Street .. .. .. | Do. .. | 320 | .. | 320 |
| " .. | Do. .. .. | | Tank Street Night School .. | Do. .. .. .. | Do. .. | 60 | .. | 60 |
| " .. | Do. .. .. | | Tank Street Girls' School .. | Khandia Street Cross Lane.. .. | Do. .. | .. | 150 | 150 |
| " .. | Do. .. .. | | Yakub Street Boys' School .. | Pakhmodia Street .. .. .. | Do. .. | 114 | .. | 114 |
| " .. | Do. .. .. | | Yakub Street Girls' School .. | Do. .. .. .. | Do. .. | .. | 176 | 176 |
| " .. | Do. .. .. | | Yakub Street Night School .. | Do. .. .. .. | Do. .. | 37 | .. | 37 |
| " .. | Do. .. .. | | Victoria Gardens Boys' School. | Sussex Road .. .. .. .. | Do. .. | 39 | 9 | 48 |
| F .. | Parel .. .. | 11,718 | Dadar Boys' School .. .. | Dadar Main Road .. .. .. | Municipal Marathi .. | 139 | .. | 139 |
| " .. | Do. .. .. | | Dadar Girls' School .. .. | Do. .. .. .. | Do. .. | .. | 127 | 127 |
| " .. | Do. .. .. | | Dadar Night School .. .. | Do. .. .. .. | Do. .. | 50 | .. | 50 |
| " .. | Do. .. .. | | Tata Mill Night School .. | Parel, Poibavdi .. .. .. | Do. .. | 21 | .. | 21 |
| " .. | Do. .. .. | | Elphinstone Bridge Boys' School. | Elphinstone Road .. .. .. | Do. .. | 180 | .. | 180 |
| " .. | Do. .. .. | | Elphinstone Bridge Girls' School. | Do. .. .. .. | Do. .. | .. | 118 | 118 |
| " .. | Do. .. .. | | Elphinstone Bridge Nirashrit Boys' School. | New Foras Road .. .. .. | Do. .. | 204 | 36 | 240 |
| " .. | Do. .. .. | | Elphinstone Bridge Nirashrit Night School. | Do. .. .. .. | Do. .. | 25 | .. | 25 |
| " .. | Do. .. .. | | Kalachowki Boys' School .. | Kalachowki Road .. .. .. | Do. .. | 195 | 17 | 212 |
| " .. | Do. .. .. | | Kalachowki Night School .. | Do. .. .. .. | Do. .. | 23 | .. | 23 |
| " .. | Do. .. .. | | Lalwadi Boys' School .. .. | Supari Baug Road .. .. | Do. .. | 195 | .. | 195 |
| " .. | Do. .. .. | | Lalwadi Girls' School .. | Do. .. .. .. | Do. .. | 9 | 114 | 123 |
| " .. | Do. .. .. | | Lalwadi Night School .. | Do. .. .. .. | Do. .. | 20 | .. | 20 |
| " .. | Do, .. .. | | Parel Boys' School .. | Parel Back Road .. .. .. | Do. .. | 153 | .. | 153 |
| " .. | Do. .. .. | | Parel Girls' School .. .. | Do. .. .. .. | Do. .. | .. | 147 | 147 |

| Number of Teachers. | | | Annual Expenditure exclusive of Supervision and Medical Inspection Charges. | | | | | Annual Expenditure per head of Pupil. | Average rate of Fees charged. | Result of 4th Standard Examination (conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal Schools). | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' salaries. | Pay of other servants. | Rent if any. | Contingencies. | Total. | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | | |
| 6 | .. | 6 | 4,402 0 0 | 161 0 0 | 2,295 0 0 | 186 0 0 | 7,044 0 0 | 78 0 0 | As. 4 & 2. | 2 | .... |
| .. | 2 | 2 | 520 0 0 | 115 0 0 | .... | 71 0 0 | 706 0 0 | 10 0 0 | Anna 1. | .... | .... |
| 4 | .. | 4 | 3,216 0 0 | .... | 480 0 0 | 157 0 0 | 3,853 0 0 | 42 0 0 | As. 4, 2 & 1. | .... | .... |
| 13 | .. | 13 | 8,707 0 0 | 486 0 0 | .... | 332 0 0 | 9,525 0 0 | 50 0 0 | As. 4 & 2. | | 8 |
| .. | 6 | 6 | 3,738 0 0 | 319 0 0 | .... | 265 0 0 | 4,323 0 0 | 30 0 0 | Anna 1. | 6 | 5 |
| 7 | .. | 7 | 4,869 0 0 | .... | 2,114 0 0 | 183 0 0 | 7,167 0 0 | 68 0 0 | As. 4 & 2. | 2 | .... |
| .. | 4 | 4 | 1,800 0 0 | 288 0 0 | 1,369 0 0 | 24 0 0 | 3,482 0 0 | 52 0 0 | As. 2 & 1. | .... | .... |
| 6 | .. | 6 | 3,289 0 0 | .... | 2,280 0 0 | 114 0 0 | 5,683 0 0 | 45 0 0 | As. 4 & 2. | .... | .... |
| .. | 2 | 2 | 2,142 0 0 | 264 0 0 | 1,820 0 0 | 96 0 0 | 3,822 0 0 | 50 0 0 | As. 2 & 1. | .... | .... |
| 2 | .. | 2 | 172 0 0 | .... | .... | 60 0 0 | 232 0 0 | 11 0 0 | Anna 1. | .... | .... |
| 5 | .. | 5 | 3,062 0 0 | .... | 1.455 0 0 | 120 0 0 | 4,637 0 0 | 57 0 0 | As. 2 & 1. | .... | .... |
| .. | .. | .. | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| 7 | .. | 7 | 4,565 0 0 | .... | 1,980 0 0 | 156 0 0 | 6,701 0 0 | 58 0 0 | As. 4 & 2. | .... | .... |
| 2 | .. | 2 | 50 0 0 | .... | .... | 20 0 0 | 70 0 0 | 2 0 0 | Anna 1. | .... | .... |
| 2 | .. | 2 | 1,451 0 0 | .... | 384 0 0 | 108 0 0 | 1,943 0 0 | 29 0 0 | As. 2 & 1. | .... | .... |
| 15 | .. | 15 | 7,828 0 0 | 320 0 0 | 3,285 0 0 | 180 0 0 | 11,113 0 0 | 34 0 0 | .... | 12 | 12 |
| 4 | .. | 4 | 424 0 0 | .... | .... | 120 0 0 | 544 0 0 | 9 0 0 | As. 2 & 1. | .... | .... |
| .. | 5 | 5 | 1,507 0 0 | 254 0 0 | 1,025 0 0 | 56 0 0 | 2,842 0 0 | 18 0 0 | Anna 1. | .... | .... |
| 5 | .. | 5 | 3,254 0 0 | .... | 1,620 0 0 | 156 0 0 | 5,030 0 0 | 44 0 0 | As. 3. | 4 | .... |
| .. | 5 | 5 | 3,104 0 0 | 276 0 0 | .... | 219 0 0 | 3,599 0 0 | 20 0 0 | As. 2. | 3 | 3 |
| 3 | .. | 3 | 579 0 0 | .... | .... | 120 0 0 | 699 0 0 | 18 0 0 | Anna 1. | .... | .... |
| 3 | .. | 3 | 1.903 0 0 | .... | 1,633 0 0 | 106 0 0 | 3,642 0 0 | 75 0 0 | As. 4, 2 & 1. | 2 | 1 |
| 6 | .. | 6 | 5,489 0 0 | .... | 1,365 0 0 | 156 0 0 | 7,010 0 0 | 50 0 0 | As. 4 & 2. | 24 | 17 |
| .. | 4 | 4 | 2,687 0 0 | 275. 0 0 | 2,615 0 0 | 96 0 0 | 5,674 0 0 | 44 0 0 | As. 2 & 1. | 6 | 6 |
| 3 | .. | 3 | 624 0 0 | .... | .... | 120 0 0 | 744 0 0 | 15 0 0 | Anna 1 ps. 6. | .... | .... |
| 2 | .. | 2 | 481 0 0 | .... | . . | 120 0 0 | 601 0 0 | 28 0 0 | Anna 1 ps. 6. | .... | .... |
| 10 | .. | 10 | 7,825 0 0 | 212 0 0 | 792 0 | 180 0 0 | 9,009 0 0 | 50 0 0 | As. 4 & 2. | 19 | 17 |
| .. | 5 | 5 | 3,410 0 0 | 264 0 0 | 396 0 0 | 96 0 0 | 4,166 0 0 | 35 0 0 | Anna 1 ps. 6. | 2 | 2 |
| 8 | 1 | 9 | 5,607 0 0 | 240 0 0 | 1,506 0 0 | 156 0 0 | 7,509 0 0 | 31 0 0 | Free. | 9 | 6 |
| 2 | .. | 2 | 48 0 0 | .... | .... | 20 0 0 | 68 0 0 | 2 0 0 | Do. | .... | .... |
| 9 | .. | 9 | 6,936 0 0 | 240 0 0 | 1,584 0 0 | 156 0 0 | 8,916 0 0 | 42 0 0 | As. 3. | 9 | 6 |
| 2 | .. | 2 | 420 0 0 | .... | .... | 120 0 0 | 540 0 0 | 23 0 0 | As. 2 & 1. | .... | .... |
| 11 | .. | 11 | 9,322 0 0 | 485 0 0 | 2,655 0 0 | 180 0 0 | 12,642 0 0 | 64 0 0 | As. 4 & 2. | 21 | 17 |
| .. | 5 | 5 | 3,175 0 0 | 266 0 0 | 810 0 0 | 96 0 0 | 4,348 0 0 | 35 0 0 | As. 2 & 1. | 6 | 6 |
| 2 | .. | 2 | 408 0 0 | .... | .... | 120 0 0 | 528 0 0 | 26 0 0 | As. 2. | .... | .... |
| 8 | .. | 8 | 6,539 0 0 | .... | 792 0 0 | 180 0 0 | 7,511 0 0 | 49 0 0 | As. 4 & 2. | 18 | [illegible] |
| .. | 7 | 7 | 4,321 0 0 | 312 0 0 | 1,260 0 0 | 96 0 0 | 5,989 0 0 | 44 0 0 | Anna 1 ps. 6. | | 6 |

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete per census of 1911. | Name of School. | Where situated. | Description. (b) Marathi, Gujarati or Urdu. | Number of Pupils on Roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total. |
| F | Parel | | Parel Bhoiwada Boys' School | Parel Bhoiwada Cross Lane | Municipal, Marathi | 154 | .. | 154 |
| ,, | Do. | | Parel Bhoiwada Girls' School | Do. | Do. | .. | 100 | 100 |
| ,, | Do. | | Parel Bhoiwada Night School. | Do. | Do. | 34 | .. | 34 |
| ,, | Do. | | Poibavdi Boys' School | Supari Baug Road | Do. | 138 | .. | 138 |
| ,, | Do. | | Poibavdi Girls' School | Do. | Do. | .. | 124 | 124 |
| ,, | Do. | | Supari Baug Road Boys' School | Kalachowki Road | Do. | 213 | 19 | 232 |
| ,, | Do. | | David Mill Night School | Elphinstone Road | Do. | 56 | .. | 56 |
| ,, | Do. | | Dadar Boys' School | Dadar Main Road | Municipal, Gujarati | 78 | .. | 78 |
| ,, | Do. | | Dadar Girls' School | Do. | Do. | .. | 65 | 65 |
| ,, | Do. | | Elphinstone Road Boys' School | Elphinstone Road | Do. | 77 | 22 | 99 |
| ,, | Do. | | Elphinstone Bridge Nirashrit Boys' School. | Near Elphinstone Bridge | Do. | 46 | 24 | 70 |
| ,, | Do. | | Lalbaug Boys' School | Plot No. 46, Lalbaug | Do. | 67 | .. | 67 |
| ,, | Do. | | Lower Parel Boys' School | 57, Lower Parel | Do. | 101 | .. | 101 |
| ,, | Do. | | Lalbaug Girls' School | Plot No. 46, Lalbaug | Do. | .. | 35 | 35 |
| ,, | Do. | | Lower Parel Girls' School | Near Railway Station DeLisle Road. | Do. | 5 | 51 | 56 |
| ,, | Do. | | Parel Boys' School | No. 91-A, Parel Road | Do. | 41 | .. | 41 |
| ,, | Do. | | Parel Girls' School | Do. | Do. | 41 | . | 41 |
| ,, | Do. | | Parel Bhoivada Boys' School | 285, Parel Bhoiwada | Do. | 54 | 33 | 87 |
| ,, | Do. | | Poibavdi Boys' School | Abdulla Building, Poibavdi | Do. | 144 | .. | 144 |
| ,, | Do. | | Poibavdi Girls' School | Do. | Do. | .. | 56 | 56 |
| ,, | Do. | | Dadar Boys' School | Dadar Main Road | Municipal, Urdu | 67 | .. | 67 |
| ,, | Do. | | Lower Parel Boys' School | 1070, Fergusson Road | Do. | 54 | 14 | 68 |
| ,, | Do. | | Parel Boys' School | Kalachowki Road | Do. | 72 | 28 | 100 |
| ,, | Do. | | Parel Night School | Do. | Do. | 20 | .. | 20 |
| ,, | Do. | | Poibavdi Boys' School | Poibavdi, Parel | Do. | 130 | .. | 130 |
| ,, | Do. | | Poibavdi Girls' School | Do. | Do. | .. | 44 | 44 |
| ,, | Do. | | Supari Baug Night School | Do. | Do. | 23 | .. | 23 |
| ,, | Shivdi | | Shivdi Boys' School | Shivdi Cross Lane | Municipal, Marathi | 117 | 6 | 123 |
| ,, | Do. | | Naigaum Road Boys' School | Naigaum Road | Do. | 122 | .. | 122 |
| ,, | Do. | | Naigaum Road Girls' School | Do. | Do. | .. | 60 | 60 |
| ,, | Do. | | Haji Ismail Haji Allana Boys' School. | Antop Hill, Matunga | Do. | 50 | 8 | 58 |
| ,, | Do. | | Matunga Station Road Boys' School. | 754, Vatsraj Lane | Do. | 43 | 25 | 68 |
| ,, | Do. | | Matunga Boys' School | Do. | Municipal, Gujarati | 170 | .. | 170 |
| ,, | Do. | | Matunga Girls' School | Shri Nivas Building, Matunga | Do. | .. | 153 | 153 |
| ,, | Do. | | Naigaum Boys' School | No. 59, Naigaum Road | Do. | 43 | 25 | 68 |
| ,, | Do. | | Matunga Boys' School | No. 682, Matunga Road | Municipal, Urdu | 30 | 10 | 40 |
| ,, | Do. | | Shivdi Boys' School | Jackeria Bunder, Shivdi Road | Do. | 118 | 57 | 175 |
| ,, | Do. | | Shivdi Night School | Do. | Do. | 36 | .. | 36 |

| Number of Teachers. | | | Annual Expenditure exclusive of supervision and Medical Inspection charges. | | | | | Annual Expenditure per head of Pupil. | Average rate of Fees charged. | Result of 4th Standard Examination (conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal Schools). | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' salaries. | Pays of other servants. | Rent, if any. | Contingencies. | Total. | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | | |
| 6 | .. | 6 | 4,715 0 0 | .... | 1,500 0 0 | 180 0 0 | 6,395 0 0 | 41 0 0 | As. 3 | 10 | 6 |
| .. | 5 | 5 | 3,580 0 0 | 276 0 0 | .... | 96 0 0 | 3,952 0 0 | 39 0 0 | Anna 1 & p.4 | 5 | [illegible] |
| 3 | .. | 3 | 598 0 0 | .... | .... | 120 0 0 | 718 0 0 | 21 0 0 | Anna 1 & p.6 | .... | .... |
| 5 | .. | 5 | 3,766 0 0 | .... | 2,120 0 0 | 156 0 0 | 6,042 0 0 | 38 0 0 | As. 2 | 18 | 6 |
| .. | 4 | 4 | 3,129 0 0 | 221 0 0 | 458 0 0 | 120 0 0 | 3,930 0 0 | 30 0 0 | As. 2 | .. | .... |
| 10 | .. | 10 | 7,023 0 0 | 246 0 0 | 3,252 0 0 | 156 0 0 | 10,677 0 0 | 45 0 0 | As. 3 | 27 | 26 |
| 4 | .. | 4 | 774 0 0 | .... | .... | 120 0 0 | 894 0 0 | 16 0 0 | Free | .... | .... |
| 4 | .. | 4 | 3,497 0 0 | .... | 594 0 0 | 203 0 0 | 4,294 0 0 | 55 0 0 | As. 4 & 2 | 13 | 8 |
| .. | 4 | 4 | 3,401 0 0 | 298 0 0 | 594 0 0 | 152 0 0 | 4,444 0 0 | 68 0 0 | As. 4, 2 & 1 | .... | .... |
| 5 | .. | 5 | 3,964 0 0 | 264 0 0 | 396 0 0 | 73 0 0 | 4,697 0 0 | 43 0 0 | As. 3 | 9 | 6 |
| 3 | .. | 3 | 1,884 0 0 | .... | 720 0 0 | 132 0 0 | 2,736 0 0 | 39 0 0 | .... | .... | .... |
| 3 | .. | 3 | 2,269 0 0 | .... | 1,440 0 0 | 108 0 0 | 3,817 0 0 | 56 0 0 | As. 4 & 2 | 3 | 3 |
| 4 | .. | 4 | 3,434 0 0 | 161 0 0 | 614 0 0 | 95 0 0 | 4,304 0 0 | 42 0 0 | As 4 & 2 | 1 | 1 |
| .. | 2 | 2 | 1,258 0 0 | 171 0 0 | 1,200 0 0 | 54 0 0 | 2,683 0 0 | 76 0 0 | As. 2 & 1 | 2 | 2 |
| .. | 3 | 3 | 878 0 0 | 92 0 0 | 700 0 0 | 24 0 0 | 1,694 0 0 | 30 0 0 | As. 4, 2 & 1 | .... | .... |
| 3 | .. | 3 | 2,568 0 0 | .... | 984 0 0 | 108 0 | 3,660 0 0 | 89 0 0 | As. 4 & 2 | 1 | 1 |
| 3 | .. | 3 | 2,568 0 0 | .... | 984 0 0 | 108 0 0 | 3,660 0 0 | 89 0 0 | As. 4, 2 & 1 | 1 | 1 |
| 4 | .. | 4 | 3,168 0 0 | 138 0 0 | 600 0 0 | 110 0 0 | 4,017 0 0 | 46 0 0 | As. 4 & 2 | .... | .... |
| 7 | .. | 7 | 5,456 0 0 | .... | 1,217 0 0 | 149 0 0 | 6,823 0 0 | 47 0 0 | .... | 14 | 9 |
| .. | 3 | 3 | 2,634 0 0 | 182 0 0 | 738 0 0 | 96 0 0 | 3,651 0 0 | 65 0 0 | As. 2 & 1 | .... | .... |
| 4 | .. | 4 | 3,060 0 0 | .... | 1,440 0 0 | 132 0 0 | 4,632 0 0 | 69 0 0 | As. 4 & 2 | 3 | 2 |
| 4 | .. | 4 | 2,585 0 0 | .... | 462 0 0 | 132 0 0 | 3,179 0 0 | 46 0 0 | As. 4, 2 & 1 | .... | .... |
| 6 | .. | 6 | 4,253 0 0 | 283 0 0 | 1,289 0 0 | 137 0 0 | 5,962 0 0 | 59 0 0 | As. 3 | 2 | 1 |
| 2 | .. | 2 | 335 0 0 | .... | .... | 127 0 0 | 462 0 0 | 23 0 0 | Anna 1 | .... | .... |
| 6 | .. | 6 | 3,478 0 0 | .... | 965 0 0 | 162 0 0 | 4,605 0 0 | 35 0 0 | As. 4 & 2 | 2 | 1 |
| .. | 2 | 2 | 148 0 0 | 31 0 0 | 180 0 0 | 12 0 0 | 371 0 0 | 8 0 0 | Anna 1 | .... | .... |
| 2 | .. | 2 | 273 0 0 | .... | .... | 120 0 0 | 393 0 0 | 17 0 0 | As. 2 & 1 | .... | .... |
| 4 | .. | 4 | 3,993 0 0 | .... | 396 0 0 | 156 0 0 | 4,545 0 0 | 37 0 0 | As. 2 & p. 6 | 4 | 2 |
| 6 | .. | 6 | 5,916 0 0 | .... | 108 0 0 | 180 0 0 | 6,204 0 0 | 50 0 0 | As. 3 | 19 | 17 |
| .. | 3 | 3 | 2,753 0 0 | 324 0 0 | 462 0 0 | 96 0 0 | 3,635 0 0 | 57 0 0 | As. 2 & 1 | 8 | 1 |
| 2 | .. | 2 | 1,384 0 0 | .... | .... | 72 0 0 | 1,456 0 0 | 25 0 0 | As. 2 | .... | .... |
| 3 | .. | 3 | 1,818 0 0 | .... | 1,200 0 0 | 108 0 0 | 3,126 0 0 | 46 0 0 | As. 2 | 3 | 3 |
| 7 | .. | 7 | 3,907 0 0 | .... | 1,800 0 0 | 215 0 0 | 5,922 0 0 | 34 0 0 | As. 4 | 22 | 14 |
| .. | 7 | 7 | 4,532 0 0 | 253 0 0 | 3,360 0 0 | 130 0 0 | 8,275 0 0 | 54 0 0 | As. 4, 2 & 1 | .... | .... |
| 2 | .. | 2 | 1,660 0 0 | 82 0 0 | 369 0 0 | .... | 2,112 0 0 | 31 0 0 | As. 4, 2 & 1 | .... | .... |
| 2 | .. | 2 | 1,344 0 0 | .... | 540 0 0 | 132 0 0 | 2,016 0 0 | 50 0 0 | As. 2 & 1 | .... | .... |
| 7 | .. | 7 | 4,552 0 0 | 275 0 0 | 1,500 0 0 | 226 0 0 | 6,554 0 0 | 37 0 0 | As. 4, 2& 1 | 8 | |
| 3 | .. | 3 | 468 0 0 | .... | .... | 120 0 0 | 588 0 0 | 16 0 0 | As. 2 & 1 | .... | .... |

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete per census of 1921. | Name of School. | Where situated. | Description. Marathi, Gujerati or Urdu. | Number of Pupils on Roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total. |
| F | Sion | | Dharavi Nirashrit Boys' School | Dharavi Road | Municipal Marathi | 180 | 39 | 219 |
| ,, | Do. | | Sion Boys' School | Do. | Do. | 157 | .. | 157 |
| ,, | Do. | | Sion Girls' School | Do. | Do. | .. | 42 | 42 |
| ,, | Do. | | Sion Boys' School | Do. | Municipal Gujarati | 28 | 9 | 37 |
| ,, | Do. | | Shivdi Cross Road Boys' School. | Shivdi Cross Road | Municipal Urdu | 52 | 26 | 78 |
| ,, | Do. | | Dharavi Boys' School | Dharavi Road | Do. | 54 | 36 | 90 |
| G | Mahim | 13,728 | Currey Road Boys' School | No. 323, DeLisle Road | Municipal Marathi | 277 | 15 | 292 |
| ,, | Do. | | Dadar Kumbharwada Boys' School. | Lady Jamsedji Road, Dadar | Do. | 269 | .. | 269 |
| ,, | Do. | | Dadar Kumbharwada Girls' School. | Dadar Kumbharwada | Do. | .. | 495 | 495 |
| ,, | Do. | | DeLisle Road Mill School | DeLisle Road | Do. | 38 | 14 | 52 |
| ,, | Do. | | DeLisle Road Nirashrit Boys' School. | Do. | Do. | 194 | 34 | 228 |
| ,, | Do. | | Fergusson Road Boys' School | Worli Naka | Do. | 174 | 3 | 177 |
| ,, | Do. | | Fergusson Road Nirashrit Boys' School. | Fergusson Road | Do. | 207 | .. | 207 |
| ,, | Do. | | Fergusson Road Night School | Do. | Do. | 30 | .. | 30 |
| ,, | Do. | | Gopi Tank Boys' School | Lady Jamsetji Road | Do. | 177 | .. | 177 |
| ,, | Do. | | Gopi Tank Girls' School | Do. | Do. | .. | 94 | 94 |
| ,, | Do. | | Lower Mahim Boys' School | Purbhadevi Road | Do. | 132 | .. | 132 |
| ,, | Do. | | Lower Mahim Girls' School | Do. | Do. | 9 | 145 | 154 |
| ,, | Do. | | Lower Parel Mill School | Sun Mill Road | Do. | 49 | 3 | 52 |
| ,, | Do. | | Lower Parel Girls' School | Fergusson Road | Do. | 9 | 49 | 58 |
| ,, | Do. | | Purbhadevi Boys' School | Purbhadevi Road | Do. | 214 | .. | 214 |
| ,, | Do. | | Purbhadevi Girls' School | Do. | Do. | .. | 61 | 61 |
| ,, | Do. | | Purbhadevi Night School | Do. | Do. | 27 | .. | 27 |
| ,, | Do. | | Upper Mahim Boys' School | Lady Jamsetji Road | Do. | 256 | 4 | 260 |
| ,, | Do. | | Upper Mahim Girls' School | Kapad Bazar, Mahim | Do. | .. | 120 | 120 |
| ,, | Do | | Mahim Boys' School | 14, Bazar Road, Mahim | Municipal Gujerati | 126 | .. | 126 |
| ,, | Do. | | Mahim Girls' School | Do. Do. | Do. | .. | 72 | 72 |
| ,, | Do. | | Purbhadevi Nirashrit Boys' School. | New Prabhadevi Road | Do. | 45 | 16 | 61 |
| ,, | Do. | | Purbhadevi Nirashrit Night School. | Do. | Do. | 24 | .. | 24 |
| ,, | Do. | | Mahim Nirashrit Boys' School | Mori Road, Mahim | Do. | 32 | 21 | 53 |
| ,, | Do. | | Gopi Tank Boys' School | Lady Jamsedji Road | Do. | 17 | 8 | 25 |
| ,, | Do. | | Mahim Boys' School | 138, Bazar Road, Mahim | Municipal Urdu | 103 | .. | 103 |
| ,, | Do. | | Mahim Girls' School | Do. | Do. | .. | 99 | 99 |
| ,, | Do. | | Mahim Night School | Do. | Do. | 38 | .. | 38 |
| ,, | Worli | | Worli Boys' School | Worli 1st Pakhadi | Municipal Marathi | 46 | .. | 46 |
| ,, | Do. | | Worli Girls' School | Worli Middle Pakhadi | Do. | .. | 65 | 65 |
| ,, | Do. | | Worli Koliwada Boys' School | Worli Koliwada | Do. | 89 | 13 | 102 |
| ,, | Do. | | Standard Mill Night School | Purbhadevi Road | Do. | 32 | .. | 32 |

The Schools Committee's Office,

BOMBAY, 17*th September* 1923.

| Number of Teachers. | | | Annual Expenditure exclusive of Supervision and Medical Inspection Charges. | | | | | Annual Expenditure per head of Pupil. | Average rate of Fees charged. | Result of 4th Standard Examination (conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal Schools). | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' salaries. | Pays of other servants. | Rent, if any. | Contingencies. | Total. | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | | | |
| 6 | 1 | 7 | 4,788 0 0 | 240 0 0 | 1,560 0 0 | 156 0 0 | 6,744 0 0 | 36 0 0 | Free. | 6 | 1 |
| 6 | .. | 6 | 4,650 0 0 | .... | 1,455 0 0 | 164 0 0 | 6,269 0 0 | 39 0 0 | As. 2, | 18 | 15 |
| .. | 2 | 2 | 1,732 0 0 | 324 0 0 | 420 0 0 | 96 0 0 | 2,572 0 0 | 55 0 0 | As. 2. | 2 | .... |
| | .. | 2 | 1,699 0 0 | .... | 480 0 0 | 108 0 0 | 2,287 0 0 | 61 0 0 | As. 2 & 2. | .... | .... |
| 3 | .. | 3 | 1,596 0 0 | .... | 1,487 0 0 | 99 0 0 | 3,182 0 0 | 40 0 0 | As. 4, 2 & 1. | .... | .... |
| 4 | 1 | 5 | 2,781 0 0 | 228 0 0 | 125 0 0 | 132 0 0 | 3,268 0 0 | 36 0 0 | As. 4, 2 & 1. | .... | .... |
| 11 | .. | 11 | 9,636 0 0 | 478 0 0 | 5,300 0 0 | 180 0 0 | 15,594 0 0 | 48 0 0 | As. 4, 2 & 1 | 16 | 16 |
| 11 | .. | 11 | 9,486 0 0 | 280 0 0 | 3,218 0 0 | 156 0 0 | 13,140 0 0 | 50 0 0 | As. 3 | 50 | 29 |
| .. | 21 | 21 | 17,376 0 0 | 773 0 0 | 5,793 0 0 | 176 0 0 | 24,118 0 0 | 48 0 0 | As. 2 & 1 | 29 | 21 |
| 4 | .. | 4 | 2,786 0 0 | 247 0 0 | 1,020 0 0 | 156 0 0 | 4,209 0 0 | 80 0 0 | .... | .... | .... |
| 9 | .. | 9 | 7,050 0 0 | 240 0 0 | 1,500 0 0 | 156 0 0 | 8,946 0 0 | 40 0 0 | Free. | 19 | 17 |
| 7 | .. | 7 | 4,668 0 0 | .. | 2,653 0 0 | 156 0 0 | 7,477 0 0 | 43 0 0 | As. 4. 2 & 1. | 15 | 14 |
| 6 | .. | 6 | 4,737 0 0 | .... | 892 0 0 | 180 0 0 | 5,809 0 0 | 28 0 0 | Free. | .... | .... |
| 2 | .. | 2 | 364 0 0 | .... | .. | 120 0 0 | 484 0 0 | 16 0 0 | As. 2 & 1 | .... | .... |
| 7 | .. | 7 | 5,661 0 0 | .... | 540 0 0 | 180 0 0 | 6,381 0 0 | 28 0 0 | As. 4 & 2 | 14 | 9 |
| .. | 4 | 4 | 3,106 0 0 | 238 0 0 | 240 0 0 | 96 0 0 | 3,681 0 0 | 39 0 0 | Anna 1 ps. 6. | 2 | 2 |
| 9 | .. | 9 | 7,764 0 0 | 246 0 0 | 1,128 0 0 | 156 0 0 | 9,294 0 0 | 42 0 0 | As. 4 & 2 | 33 | 13 |
| .. | 6 | 6 | 4,771 0 0 | 264 0 0 | 660 0 0 | 120 0 0 | 5,815 0 0 | 38 0 0 | As. 2 & 1 | 11 | 10 |
| 3 | .. | 3 | 1,983 0 0 | 264 0 0 | 176 0 0 | 156 0 0 | 2,580 0 0 | 50 0 0 | Free. | .... | .... |
| .. | 3 | 3 | 2,863 0 0 | 237 0 0 | 1,620 0 0 | 96 0 0 | 4,816 0 0 | 79 0 0 | As. 2 & 1 | 4 | 2 |
| 9 | .. | 9 | 6,471 0 0 | 54 0 0 | 2,165 0 0 | 180 0 0 | 8,871 0 0 | 41 0 0 | As. 3 | 14 | 9 |
| .. | 3 | 3 | 2,166 0 0 | 276 0 0 | 1,611 0 0 | 96 0 0 | 4,150 0 0 | 66 0 0 | Anna 1 ps. 6 | .... | .... |
| 2 | .. | 2 | 476 0 0 | .... | .... | 120 0 0 | 596 0 0 | 21 0 0 | Anna 1 ps. 6 | .... | .... |
| 10 | .. | 10 | 8,547 0 0 | 245 0 0 | 840 0 0 | 156 0 0 | 9,788 0 0 | 37 0 0 | As. 4 & 2 | 34 | 16 |
| .. | 6 | 6 | 5,731 0 0 | 324 0 0 | 660 0 0 | 120 0 0 | 6,835 0 0 | 57 0 0 | As. 2 & 1 | 13 | 9 |
| 6 | .. | 6 | 3,772 0 0 | .... | 720 0 0 | 131 0 0 | 4,624 0 0 | 36 0 0 | Anna 1 ps. 6. | 14 | 4 |
| .. | 5 | 5 | 4,548 0 0 | 270 0 0 | 1,800 0 0 | 96 0 0 | 6,714 0 0 | 93 0 0 | Anna 1 ps. 6. | .... | .... |
| 3 | .. | 3 | 1,878 0 0 | .... | .... | 132 0 0 | 2,010 0 0 | 32 0 0 | Free. | 5 | 4 |
| 2 | .. | 2 | 324 0 0 | .... | .... | 120 0 0 | 444 0 0 | 18 0 0 | Do. .. | 3 | 2 |
| 2 | .. | 2 | 949 0 0 | .... | 1,976 0 0 | 87 0 0 | 3,013 0 0 | 56 0 0 | Do. .. | .... | .... |
| 2 | .. | 2 | 373 0 0 | .... | 270 0 0 | 27 0 0 | 670 0 0 | 26 0 0 | As. 4 & 2 | .... | .... |
| 5 | .. | 5 | 3,522 0 0 | .... | 1,638 0 0 | 165 0 0 | 5,325 0 0 | 51 0 0 | As. 3 | 3 | .... |
| .. | 2 | 2 | 520 0 0 | 115 0 0 | .... | 30 0 0 | 665 0 0 | 6 0 0 | Anna 1 | .... | .... |
| 2 | .. | 2 | 348 0 0 | .... | .... | 120 0 0 | 468 0 0 | 12 0 0 | Anna 1 | .... | .... |
| 3 | .. | 3 | 3,024 0 0 | .... | 660 0 0 | 132 0 0 | 3,816 0 0 | 61 0 0 | As. 3 | 5 | 3 |
| .. | 4 | 4 | 2,627 0 0 | 273 0 0 | 420 0 0 | 96 0 0 | 3,416 0 0 | 48 0 0 | As. 2 & 1. | 5 | 5 |
| 6 | .. | 6 | 4,270 0 0 | .... | 300 0 0 | 180 0 0 | 4,750 0 0 | 49 0 0 | As. 2 | 24 | 18 |
| 2 | .. | 2 | 422 0 0 | .... | .... | 120 0 0 | 542 0 0 | 17 0 0 | As. 3 | .... | .... |

D. G. PADHYE,

Secretary, Schools Committee.

# SCHOOLS COMMITTEE'S ADMINISTRATION REPORT FOR 1922-23.

## Appendix I.—Part B.

## List of Schools which received Grants-in-Aid from the Schools Committee.

*N.B.*—The figures given, are those supplied by the schools themselves except those for annual expenditure per pupil or head, and the grants-in-aid per pupil or head.

## PRIMARY SCHOOLS IN

*Annexed to Report*

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete both inclusive per census of 1921. | Name of School. | Where situated. | Description. (*a*) Municipal or Aided. (*b*) Marathi, Gujarati or Urdu. | Number of Pupils on Roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total. |
| A .. | Fort South .. | 4,314 | Goculdas Tejpal Girls' School .. | 162, Hornby Road, Fort .. | Aided, Gujarati .. | .. | 193 | 193 |
| „ .. | Do. .. | | Young Ladies' High School .. | Bhesania Building, 172-174, Hornby Road. | Do. .. | 13 | 101 | 114 |
| „ .. | Do. .. | | Parsi Girls' School Association, Fort. | No. 73, Parsi Bazar Street, Fort .. | Do. .. | .. | 141 | 141 |
| „ .. | Do. .. | | The Bazar Gate A. V. School .. | 66-68, Bora Bazar Street, Fort .. | Do. .. | 171 | .. | 171 |
| „ .. | Do. .. | | The Bazar Gate Boys' and The Fort Zoroastrian Girls' School | 84, Gunbow Street, Fort .. | Do. .. | 104 | 38 | 142 |
| „ .. | Do. .. | | The Globe Primary School .. | 79, Parsi Bazar Street, Fort .. | Do. .. | 40 | .. | 40 |
| „ .. | Do. .. | | Sir Jamsetji Jeejeebhoy Central Boys' School. | 209, Hornby Road, Fort .. .. | Do. .. | 128 | .. | 128 |
| „ .. | Do. .. | | The Alexandra Native Girls' English Institution. | 1, Waudby Road, Esplanade .. | Do. .. | .. | 110 | 110 |
| „ .. | Do. .. | | Sir J. J. Girls' School, Fort .. | 209, Hornby Road, Fort .. .. | Do. .. | .. | 137 | 137 |
| „ .. | Do. .. | | Fort and Proprietary High School, Fort. | 109, Frere Road, Fort .. .. | Do. .. | 79 | .. | 79 |
| „ .. | Do. .. | | Esplanade High School .. | Hornby Road, Fort .. .. | Do. .. | 169 | .. | 169 |
| „ .. | Do. .. | | Bombay Fort Free Night School. | Bora Bazar Street, Fort .. .. | Aided Kanarese and English. | 83 | .. | 83 |
| B .. | Mandvi .. | 10,538 | Mandvi Koliwada Night School | Dongri Street, Madhavrao Rokde Free School. | Aided, Marathi .. | 40 | .. | 40 |
| „ .. | Do. .. | | Gokuldas T. Seminary .. | Mandvi Koliwada, Janjikar Street .. | Aided, Gujarati .. | 162 | .. | 162 |
| „ .. | Do. .. | | Ismaili Khoja Boys' Khadak School. | Chinch Bunder Road .. .. | Do. .. | 172 | .. | 172 |
| „ .. | Do. .. | | The Parel Road A. V. School (Primary Dept.) | Bhendi Bazar .. .. | Do. .. | 177 | .. | 177 |
| „ .. | Do. .. | | K. K. Mandvi School .. | Dongri Street, Kharak Bazar .. | Do. .. | 157 | 4 | 161 |
| „ .. | Do. .. | | Haji Suleman Abdool Wahed Testimonial Free Memon School. | 3, Kambekar Street .. .. .. | Aided, Urdu .. | 102 | .. | 102 |
| „ .. | Do. .. | | The Khoja Khan Mahomed Habibbhoy School. | 170, Samuel Street, Mandvi .. | Aided, Gujarati .. | 251 | .. | 251 |
| „ .. | Do. .. | | The Padmabai Urdu Gujarati and Koran Shariff School. | Chakla Street, corner of Bhandari Street. | Do. .. | 44 | 22 | 66 |
| „ .. | Do. .. | | Ismaili Khoja Khadak Girls' School. | Chinch Bunder Road .. .. | Do. .. | .. | 303 | 303 |
| „ .. | Do. .. | | Bhownagri Moholla S.S. League Night School. | Municipal Bhownagri Moholla Urdu Boys' School | Aided, Urdu .. | 36 | .. | 36 |
| „ .. | Do. .. | | Sajanbhai Meerali Khoja Girls' School. | 198, Samuel Street, Mandvi .. | Aided, Gujarati .. | .. | 79 | 79 |
| „ .. | Do. .. | | Seth Peraj Padamsey Girls' School. | Mandvi .. .. .. .. | Do. .. | .. | 118 | 118 |
| „ .. | Do. .. | | S. S. League Mandvi Night School. | Do. .. .. .. .. | Do. .. | 27 | .. | 27 |
| „ .. | Umarkhadi .. | | Imaili Khoja Kandi Moholla Girls' School. | Jail Road .. .. .. .. | Do. .. | .. | 188 | 188 |
| .. | Do. .. | | Halai Memon Moholla Minara Masjid Free Urdu day School. | Memonwada, Pydhoni .. .. | Aided, Urdu .. | 341 | .. | 341 |
| .. | Do. .. | | Madrasa-i-Lookmania School .. | Dhaboo Street .. .. .. | Do. .. | 198 | 196 | 394 |
| .. | Do. .. | | Haji Mahomed H. Ismail Sobani Purdah Girls' School. | 134, Jackeria Masjid Street .. .. | Do. .. | .. | 154 | 154 |
| .. | Do. .. | | Haji Mahomad H. E. Sobani Free Memorial Night School. | Do. .. .. | Aided, Gujarati .. | 53 | .. | 53 |

## BOMBAY WITH DETAILS—AIDED SCHOOLS.

*for* 1922-1923.

| Number of Teachers. | | | Annual Expenditure exclusive of Supervision and Medical Inspection Charges. | | | | | Annual Expenditure per head of Pupil. | Annual Grant to Aided Schools per head of Pupil. | Grant paid for 1922-1923. | Average rate of Fees charged. | Result of the 4th Standard Examination (conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal Schools). | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' salaries. | Pays of other servants. | Rent, if any. | Contingencies, &c. | Total. | | | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. Dec | Rs. Dec. | Rs. a. p. | | | |
| .. | 8 | 8 | 4,016 0 0 | 435 0 0 | 2,093 0 0 | 686 0 0 | 7,230 0 0 | 37·5 | 12 | 2 323 0 0 | *Nil.* | 4 | 4 |
| .. | 6 | 6 | 2,996 0 0 | 144 0 0 | 1,815 0 0 | 166 0 0 | 5,121 0 0 | 44·9 | 14·5 | 1,651 0 0 | 2·6 | .. | .. |
| 2 | 9 | 11 | 5,087 0 0 | 664 0 0 | 5,010 0 0 | 708 0 0 | 11,469 0 0 | 81·3 | 14·3 | 2,018 0 0 | 1·5 | .. | .. |
| 7 | 1 | 8 | 3,185 0 0 | 195 0 0 | 2,058 0 0 | 668 0 0 | 6,106 0 0 | 35·7 | 9·4 | 1,600 0 0 | 2·25 | 14 | 7 |
| 6 | .. | 6 | 3,110 0 0 | 168 0 0 | 720 0 0 | 345 0 0 | 4,343 0 0 | 30·6 | 3·9 | 550 0 0 | 1 | .. | .. |
| 3 | 1 | 4 | 1,515 0 0 | 84 0 0 | 330 0 0 | 153 0 0 | 2,082 0 0 | 52 | 13·2 | 527 0 0 | 2 | 3 | 1 |
| 5 | .. | 5 | 5,494 0 0 | 240 0 0 | .... | 36 0 0 | 5,770 0 0 | 45·1 | 8·3 | 1,067 0 0 | ·5 | 31 | 29 |
| .. | 6 | 6 | [illegible],425 0 0 | 348 0 0 | 1,200 0 0 | 592 0 0 | 8,565 0 0 | 77·9 | 22·5 | 2,479 0 0 | 3·6 | .. | .. |
| 1 | 8 | 9 | 5,505 0 0 | 803 0 0 | .... | 633 0 0 | 6,941 0 0 | 50·7 | 17·4 | 2,380 0 0 | ·5 | .. | .. |
| 7 | .. | 7 | 1,776 0 0 | 156 0 0 | 840 0 0 | 131 0 0 | 2,903 0 0 | 36·8 | 16·6 | 1,315 0 0 | 2·2 | .. | .. |
| 8 | .. | 8 | 4,910 0 0 | 693 0 0 | 2,723 0 0 | 124 0 0 | 8,450 0 0 | 50 | 17·8 | 3,000 0 0 | 3·5 | | .. |
| 8 | .. | 8 | 480 0 0 | 40 0 0 | .... | 176 0 0 | 696 0 0 | 8·4 | 2·3 | 189 0 0 | *Nil.* | .. | .. |
| 2 | .. | 2 | 237 0 0 | .... | 266 0 0 | 55 0 0 | 558 0 0 | 14 | 2·4 | 97 0 0 | Do. | .. | .. |
| 6 | .. | 6 | 3,260 0 0 | 240 0 0 | 1,440 0 0 | 291 0 0 | 5,231 0 0 | 32·5 | 7·9 | 1,280 0 0 | ·5 | .. | .. |
| 7 | 3 | 10 | 5,251 0 0 | 871 0 0 | 2,400 0 0 | 1,036 0 0 | 9,558 0 0 | 55·6 | 11·6 | 1,957 0 0 | *Nil.* | 12 | 2 |
| 6 | .. | 6 | 5,591 0 0 | 375 0 0 | 852 0 0 | 180 0 0 | 6,998 0 0 | 39·5 | 8 | 1,424 0 0 | ·5 | 42 | 34 |
| 8 | .. | 8 | 4,108 0 0 | 144 0 0 | 1,487 0 0 | 546 0 0 | 6,285 0 0 | 39 | 12·4 | 2,000 0 0 | 2 | 15 | 15 |
| 6 | .. | 6 | 2,685 0 0 | 670 0 0 | .... | 1,007 0 0 | 4,362 0 0 | 42·8 | 11·9 | 1,200 0 0 | *Nil.* | 4 | 2 |
| 13 | .. | 13 | 7,070 0 0 | 539 0 0 | 5,400 0 0 | 1,215 0 0 | 14,224 0 0 | 56·25 | 15·1 | 3,800 0 0 | Do. | 70 | 56 |
| 4 | 1 | 5 | 2,013 0 0 | 180 0 0 | 339 0 0 | 30 0 0 | 2 562 0 0 | 38·8 | 5·6 | 368 0 0 | Do. | .. | .. |
| .. | 12 | 12 | 5,968 0 0 | 1,546 0 0 | 2,400 0 0 | 1,180 0 0 | 11,044 0 0 | 33·4 | 10·2 | 3,114 0 0 | Do. | .. | .. |
| 3 | .. | 3 | 480 0 0 | 24 0 0 | .... | 96 0 0 | 600 0 0 | 16·7 | 4·2 | 150 0 0 | ·3 | .. | .. |
| 1 | 5 | 6 | 2,322 0 0 | 348 0 0 | 3,000 0 0 | 328 0 0 | 5,998 0 0 | 75·9 | 25 | 1,971 0 0 | *Nil.* | .. | .. |
| .. | 5 | 5 | 1,644 0 0 | 216 0 0 | 480 0 0 | 285 0 0 | 2,625 0 0 | 23·3 | 6 | 700 0 0 | ·5 | .. | .. |
| 1 | .. | 1 | 180 0 0 | .... | .... | .... | .... | .... | 3·1 | 84 0 0 | *Nil.* | .. | .. |
| .. | 7 | 7 | 4,167 0 0 | 480 0 0 | 2,400 0 0 | 806 0 0 | 7,853 0 0 | 41·8 | 15·4 | 2,892 0 0 | Do. | .. | .. |
| 12 | .. | 12 | 5,215 0 0 | 664 0 0 | 2,400 0 0 | 205 0 0 | 8,484 0 0 | 24·6 | 8·1 | 2,749 0 0 | Do. | 15 | 15 |
| 12 | .. | 12 | 5,780 0 0 | 276 0 0 | 458 0 0 | 1,157 0 0 | 7,671 0 0 | 19·5 | 4·5 | 1,756 0 0 | .... | .. | .. |
| .. | 6 | 6 | 3,912 0 0 | 420 0 0 | 2,004 0 0 | 242 0 0 | 6,050 0 0 | 43·2 | 14 | 2,161 0 0 | *Nil.* | 2 | 2 |
| 2 | | 2 | 444 0 0 | 66 0 0 | .... | 66 0 0 | 572 0 0 | 10·8 | 2·7 | 142 0 0 | Do | .. | .. |

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete both inclusive per census of 1921. | Name of School. | Where situated | Description. (a) Municipal or Aided. (b) Marathi, Gujarati or Urdu. | Number of Pupils on Roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | To |
| B | Umarkhadi | 10,538 | St. Andrew's Primary School | Babula Tank, Umarkhadi | Aided Marathi | 82 | 32 | 114 |
| ,, | Old Nagpada | | S. S. League Memonwada Night School. | Memonwada | Do. | 22 | .. | 22 |
| ,, | Do. | | S. S. League Morarjee Gokuldas Night School. | Do. | Do. | 25 | .. | 25 |
| ,, | Umarkhadi | | The Halai Memon Moholla Minara Musjid Free Urdu Night School. | Memonwada, Pydownie | Aided Urdu | 66 | .. | 66 |
| C | Market | 14,024 | Madrasi-Mahomedia | 2, Janjiker Street | Do. | 28 | .. | 28 |
| ,, | Dhobi Talao | | The Parsi Seminary | Kalbadevi Road, Chhotalal Chawl, 3rd floor. | Aided Gujarati | 66 | .. | 66 |
| ,, | Do. | | R. J. J. Branch Primary Boys' School. | Princess Street, Dhobi Talao | Do. | 94 | .. | 94 |
| ,, | Do. | | Parsi Girls' School Association, Chandanwadi. | Princess Street | Do. | .. | 244 | 244 |
| ,, | Do. | | Sir Jamsetji Jejeebhoy Girls' Primary School. | Engineer Building, Princess Street. | Do. | .. | 115 | 115 |
| ,, | Do. | | New Bombay High School | Princess Street, Dhobi Talao | Do. | 111 | .. | 111 |
| ,, | Do. | | Proprietary and Fort High School, Chandanwadi. | 37, Dhobi Talao, Girgaum Road | Do. | 142 | .. | 142 |
| ,, | Do. | | Shri Karunashanker Boys' and Girls' School. | Dhobi Talao, Wellington Street, 4th Marine Lines. | Do. | 101 | 24 | 125 |
| ,, | Do. | | Jagannath Shankershet Girls' Primary School. | Palao Road (Girgaum Road), Thakurdwar. | Aided Marathi | .. | 72 | 72 |
| ,, | Do. | | Prabhu Seminary | Bhai Jivanji Lane, Thakurdwar | Do. | 115 | .. | 115 |
| ,, | Do. | | Sonapur Lane Boys' and Girls' School. | Sonapur Lane, Madhav Shankershett Gulli. | Do. | 43 | 14 | 57 |
| ,, | Do. | | Empress High School for Girls. | 121, Chandanwadi | Aided Gujarati | 11 | 36 | 47 |
| ,, | Do. | | Prarthana Samaj Null Bazar Night School. | Municipal School, Opposite Round Temple. | Aided Marathi | 17 | .. | 17 |
| ,, | Buleshwar | | The National English School | Near Mumbadevi Post Office | Aided Gujarati | 101 | .. | 101 |
| ,, | Do. | | Shakhe Madrassa Mahomedia | Musjid Street, Umarkadi | Aided Urdu | 144 | .. | 144 |
| ,, | Khara Talao | | Shri Bombay Mangrol Jain Sabha Girls' School. | 566, Pydhony, Bombay | Aided Gujarati | .. | 134 | 134 |
| ,, | Do. | | Bhendi Bazar Grant-in-aid School. | Erskine Road, Post No. 9 | Do. | 238 | .. | 238 |
| ,, | Kumbharwada | 11,717 | Bal Dnyan Vardak Primary School. | Kumbharwada 3rd Lane | Aided Marathi | 130 | 5 | 135 |
| ,, | Do. | | Khattar Galli Mahajan Primary School. | Kumbharwada 2nd Lane, Vithal Temple. | Do. | 8 | 8 | 96 |
| ,, | Umarkhadi | | Maktabi Sabiyat Urdu Girls' School. | Musjid Street, Umarkhadi | Aided Urdu | .. | 72 | 72 |
| D | Khetwadi | | Jejeebhoy Dadabhoy Charity Primary School. | Khetwadi 12th Lane | Aided Gujarati | 95 | 67 | 162 |
| ,, | Do. | | Miss. Benett's Girls' School | Khetwadi 7th Lane | Do. | 9 | 21 | 30 |
| ,, | Do. | | Sir Cowasji Jahangir Readymoney Girls' School. | Khetwadi 12th Lane | Do. | 35 | 122 | 157 |
| ,, | Do. | | Star Primary School | 12th Khetwadi Cross Lane | Do. | 66 | 35 | 101 |
| ,, | Do. | | Khetwadi Registered Primary School. | Khetwadi 6th Lane | Aided Marathi | 172 | 22 | 194 |
| ,, | Do. | | Seth Framji N. Patel School | 49-51 Khetwadi Main Road and Ardeshir Dady Street. | Aided Gujarati | 194 | .. | 194 |
| ,, | Do. | | Khetwadi Jarthosti Girls' School. | Khetwadi Main Road, Noble Building. | Do. | 46 | 79 | 125 |
| ,, | Girgaum | | Marwadi Vidyalaya | Sandhurst Road, Girgaum | Aided Hindi | 116 | .. | 116 |
| ,, | Do. | | The Grant Road Vernacular School. | Pannalal Terrace, Grant Road | Aided Gujarati | 135 | 50 | 185 |
| ,, | Do. | | Vanita Vishram Training College. | Sandhurst Road, Girgaum | Do. | .. | 79 | 79 |
| ,, | Do. | | Byramjee Jejeebhoy Parsee Charitable Institution. | 1, Queen's Road, Girgaum | Do. | 115 | .. | 115 |
| ,, | Do. | | Hardinge Boys' and Girls' School. | New Charni Road, Opposite Cama Bag. | Do. | 7 | 24 | 31 |

| Number of Teachers. | | | Annual Expenditure exclusive of Supervision and Medical Inspection Charges. | | | | | Annual Expenditure per head of Pupil. | Annual Grant to Aided Schools per head of Pupil. | Grant paid for 1922-1923. | Average rate of Fees charged. | Result of the 4th Standard Examination (conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal Schools.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total | Teachers' salaries. | Pays of other servants. | Rent, if any. | Contingencies, &c. | Total. | | | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. Dec. | Rs. Dec. | Rs. a. p. | | | |
| 4 | 5 | 9 | 5,661 0 0 | 549 0 0 | .... | 179 0 0 | 6,389 0 0 | 56 | 10·5 | 1,200 0 0 | ·4 | 17 | 6 |
| 2 | .. | 2 | 212 0 0 | .... | .... | 323 0 0 | 535 0 0 | 24·5 | 4·2 | 93 0 0 | *Nil* | .... | .... |
| 3 | .. | 3 | .... | .... | .... | .... | .... | .... | ·5 | 125 0 0 | .... | .... | .... |
| 6 | .. | 6 | 823 0 0 | 84 0 0 | .... | 505 0 0 | 1,417 0 0 | 21·5 | 1·9 | 125 0 0 | *Nil* | .... | .... |
| 3 | .. | 3 | 2,067 0 0 | 216 0 0 | 674 0 0 | 26 0 0 | 2,983 0 0 | 106·6 | 33·1 | 926 0 0 | .... | .... | .... |
| 4 | .. | 4 | 2,387 0 0 | 36 0 0 | 1,440 0 0 | 28 0 0 | 3,891 0 0 | 59 | 10·6 | 700 0 0 | 2·25 | 4 | 2 |
| 5 | .. | 5 | 3,252 0 0 | 284 0 0 | 960 0 0 | 167 0 0 | 4,663 0 0 | 49·6 | 22·7 | 2,137 0 0 | ·5 | 11 | 6 |
| 1 | 16 | 17 | 6,028 0 0 | 859 0 0 | 6,000 0 0 | 1,605 0 0 | 14,492 0 0 | 59·4 | 10·5 | 2,5[illegible]8 0 0 | 2 | .... | .... |
| 1 | 8 | 9 | 4,236 0 0 | 352 0 0 | 1,618 0 0 | 338 0 0 | 6,544 0 0 | 57 | 13·6 | 1,561 0 0 | ·5 | .... | .... |
| 7 | .. | 7 | 2,400 0 0 | 168 0 0 | 1,210 0 0 | 711 0 0 | 4,489 0 0 | 40·4 | 9·1 | 1,011 0 0 | 3 | .... | .... |
| 8 | .. | 8 | 2,111 0 0 | 324 0 0 | 1,042 0 0 | 193 0 0 | 3,670 0 0 | 25·8 | 9·9 | 1,410 0 0 | 2 | .... | .... |
| 5 | 3 | 8 | 2,969 0 0 | 192 0 0 | 780 0 0 | 369 0 0 | 4,337 0 0 | 34·7 | 9·6 | 1,200 0 0 | ·75 | 2 | 2 |
| 4 | 1 | 5 | 1,819 0 0 | 181 0 0 | .... | 74 0 0 | 2,074 0 0 | 28 | 10·3 | 739 0 0 | ·25 | 10 | 5 |
| 5 | .. | 5 | 1,718 0 0 | 120 0 0 | 546 0 0 | 316 0 0 | 2,700 0 0 | 23·6 | 6·7 | 767 0 0 | ·4 | 35 | 30 |
| 4 | .. | 4 | 1,140 0 0 | 72 0 0 | 240 0 0 | 26 0 0 | 1,478 0 0 | 26 | 4·3 | 243 0 0 | ·4 | .... | .... |
| .. | 5 | 5 | 1,180 0 0 | 40 0 0 | 300 0 0 | 27 0 0 | 1,547 0 0 | 32·9 | 11·2 | 528 0 0 | 1·75 | .... | .... |
| 1 | .. | 1 | 130 0 0 | 27 0 0 | .... | 82 0 0 | 179 0 0 | 14 | 5·9 | 100 0 0 | ·5 | .... | .... |
| 5 | 2 | 7 | 3,186 0 0 | 230 0 0 | 885 0 0 | 468 0 0 | 4,769 0 0 | 47·2 | 13 | 1,316 0 0 | 1·6 | .... | .... |
| 9 | .. | 9 | 4,106 0 0 | 599 0 0 | 1,056 0 0 | 141 0 0 | 5,902 0 0 | 41 | 12·5 | 1,798 0 0 | .... | 18 | 14 |
| .. | 7 | 7 | 2,774 0 0 | 232 0 0 | 1,080 0 0 | 141 0 0 | 4,227 0 0 | 31·6 | 7·5 | 1,000 0 0 | *Nil* | .... | .... |
| 8 | .. | 8 | 4,454 0 0 | 108 0 0 | 1,203 0 0 | 56 0 0 | 5,821 0 0 | 24·5 | 7·9 | 1,87[illegible] 0 0 | 6·5 | 22 | 14 |
| 4 | .. | 4 | 2,547 0 0 | 84 0 0 | 402 0 0 | 20 0 0 | 3,053 0 0 | 22·6 | 5·2 | 700 0 0 | ·5 | 12 | 7 |
| 3 | .. | 3 | 1,963 0 0 | 60 0 0 | 265 0 0 | 213 0 0 | 2,501 0 0 | 26·1 | 6·3 | 600 0 0 | ·5 | 8 | [illegible] |
| .. | 3 | 3 | 1,088 0 0 | 276 0 0 | 240 0 0 | .... | 1,604 0 0 | 22·3 | 4·9 | 850 0 0 | .... | .... | .... |
| 6 | 1 | 7 | 3,147 0 0 | 51 0 0 | 1,320 0 0 | 94 0 0 | 4,612 0 0 | 28·5 | 7·7 | 1,253 0 0 | *Nil* | 17 | 2 |
| .. | 2 | 2 | 1,560 0 0 | 120 0 0 | 467 0 0 | 1 0 0 | 2,148 0 0 | 71·6 | 16·7 | 500 0 0 | 1·5 | .... | .... |
| 1 | 6 | 7 | 3,648 0 0 | 108 0 0 | 300 0 0 | 193 0 0 | 4,249 0 0 | 27·1 | 7·9 | 1,236 0 0 | 1 | 21 | 19 |
| 2 | 4 | 6 | 2,414 0 0 | 120 0 0 | 396 0 0 | 78 0 0 | 3,008 0 0 | 29·9 | 6·3 | 640 0 0 | 1·46 | .... | .... |
| 6 | .. | 6 | 2,953 0 0 | 63 0 0 | 469 0 0 | 33 0 0 | 3,523 0 0 | 18·1 | 4·8 | 919 0 0 | ·5 | 18 | 13 |
| 9 | .. | 9 | 2,863 0 0 | 180 0 0 | 1,500 0 0 | 352 0 0 | 4,895 0 0 | 25·3 | 6·4 | 1,234 0 0 | 1·2 | 24 | 18 |
| 1 | 4 | 5 | 2,592 0 0 | 120 0 0 | 636 0 0 | 224 0 0 | 3,572 0 0 | 23·6 | 7·2 | 900 0 0 | 1·5 | .... | .... |
| 7 | .. | 7 | 3,325 0 0 | 1,213 0 0 | 1,713 0 0 | 40 0 0 | 6,652 0 0 | 57·3 | 8·6 | 1,000 0 0 | *Nil* | .... | .... |
| 4 | 2 | 6 | 2,720 0 0 | 84 0 0 | 806 0 0 | 86 0 0 | 3,696 0 0 | 20 | 5·5 | 1,020 0 0 | 1·5 | 9 | 8 |
| 6 | 4 | 10 | 9,390 0 0 | 521 0 0 | 2,659 0 0 | 4,916 0 0 | 17,486 0 0 | 221·4 | 67 | 5,396 0 0 | 1·5 | 57 | 32 |
| 6 | .. | 6 | 3,487 0 0 | 219 0 0 | 295 0 0 | 1,142 0 0 | 5,143 0 0 | 44·7 | 13 | 1,500 0 0 | ·5 | 57 | 35 |
| .. | 2 | 2 | 2,252 0 0 | 168 0 0 | 660 0 0 | 166 0 0 | 3,246 0 0 | 104·7 | 12·9 | 400 0 0 | 1·25 | .... | .... |

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete both inclusive per census of 1921. | Name of School. | Where situated. | Description. (a) Municipal or Aided. (b) Marathi, Gujarati or Urdu. | Number of Pupils on Roll. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total. |
| D | Girgaum | 11,717 | Sir Mangaldas Nathubhai Girls' School. | Sandhurst Road | Aided Gujarat | .. | 91 | 91 |
| „ | Do. | | U. F. C. Mission, Ambroli Girls' School. | Girgaum Back Road | Aided Marathi | 19 | 56 | 75 |
| „ | Do. | | Prof. Date's Charitable Deaf and Mute Institution. | 54, Zavba's Wadi Bombay (2) | Do. | 24 | 7 | 31 |
| „ | Do | | Girgaum Gaiwadi School | Benam Hall Lane, Girgaum | Do. | 44 | 30 | 74 |
| „ | Do. | | The Patriotic Institution | Mugbhat Cross Lane | Do. | 11 | 28 | 138 |
| „ | Do. | | Mugbhat Private School | Sadashiv Lane, Kandewadi | Do. | 37 | 4 | 41 |
| „ | Do. | | New Balshikshan Marathi Primary School. | Opposite Benam Hall Lane | Do. | 86 | 39 | 125 |
| „ | Do. | | Vidya Vardhak Primary Marathi School. | Mugbhat Cross Lane, Vithoba's Temple. | Do. | 62 | 34 | 96 |
| „ | Do. | | Chikitsk Samooha Potdar Primary School. | Girgaum | Do. | 132 | 32 | 164 |
| „ | Do. | | Prarthna Samaj Night School. | Sonapur Gulli | Do. | 9 | .. | 9 |
| „ | Do. | | Yande A. V. Free Night School. | Mugbhat Cross Lane | Do. | 27 | .. | 27 |
| „ | Do. | | Nirgude Charitable Primary Girls' School. | 1st Carpenter Street, Khetwadi Bombay 4. | Do. | 10 | 62 | 72 |
| „ | Chowpaty | | Proprietary and Fort High School, Grant Road. | Gowalia Tank Road | Aided Gujarati | 168 | .. | 168 |
| „ | Do. | | Seth Merwanji Maneckji Parsi Girls' School. | Charni Road | Do. | 17 | 42 | 59 |
| „ | Do. | | Masters' Tutorial High School. | Gowalia Tank Road | Do. | 223 | 223 | 446 |
| „ | Do. | | Grant Road Boys' & Girls' School. | Empire Terrace, New Foras Road | Do. | 45 | 42 | 87 |
| „ | Do. | | U. F. C. Mission Girls' Vernacular School. | Gowalia Tank Road | Aided Marathi | 15 | 87 | 102 |
| „ | Do. | | The Princess High School for Girls. | New Queen's Road Opposite Royal Opera House. | Aided Gujarati | 24 | 90 | 114 |
| „ | Do. | | Sevasadan Normal Classes | Lamington Road, Boys' School | Aided Marathi | .. | 116 | 116 |
| „ | Do. | | Sevasadan Home Classes | Sandhurst Road, Bombay | Do. | .. | 67 | 67 |
| „ | Do. | | Y. M. H. A. Night School | Lamington Road | Do. | 36 | .. | 36 |
| „ | Mahalaxmi | | C. M. S. Mahalaxmi School | Kachrapatti, Mahalaxmi | Aided Gujarati | 34 | 6 | 40 |
| „ | Do. | | D. C. M. Ram Mohan Roy Gujerati Day School. | Do. | Do. | 75 | 18 | 93 |
| „ | Do. | | D. C. M. Ram Mohan Roy Gujerati Night School. | Do. | Do. | 20 | .. | 20 |
| | Do. | | A. M. Jacob Circle Girls' School. | 153, Jacob Circle | Aided Marathi | .. | 48 | 48 |
| E | Mazagon | 19,705 | New Mazagon Girls' School | 24, Gunpowder Road, Mazagon | Aided Gujarati | .. | 72 | 72 |
| „ | Do. | | New Mazagon Boys' School | 23, Gunpowder Road, Mazagon | Do. | 91 | .. | 91 |
| „ | Do. | | Israilite School | Mazagon Road | Aided Marathi | 91 | 74 | 165 |
| „ | Do. | | Tank Bunder Salvation Army School. | Reay Road Mazagon | Do. | 41 | 6 | 47 |
| „ | Do. | | Bombay Port Trust Dock Vernacular School. | Wadi Bunder, Mazagon | Do. | 94 | 18 | 112 |
| „ | Do. | | Imaili Khoja Hasanabad School. | Mazagon | Aided Gujrati | 88 | 12 | 50 |
| „ | Do. | | M. E Mission, Tarwadi Boys' Primary School. | Opposite St.John Mission, Mazagon. | Aided Marathi | 55 | 5 | 60 |
| „ | Do. | | S. S. League Tank Bunder Night School. | Municipal Urdu Boys' School Tank Bunder. | Aided Urdu | 30 | .. | 30 |
| „ | Do. | | M. E. Mission Madanpura Boys' School. | At the end of Club Back Road, Morland Road. | Aided Marathi | 19 | 6 | 25 |
| „ | Nagpada | | S. S. League New Nagpada Night School. | Day School, New Nagpada | Aided Urdu | 78 | .. | 78 |

| Number of Teachers. | | | Annual Expenditure exclusive of Supervision and Medical Inspection Charges. | | | | | Annual expenditure per Head of Pupil. | Annual Grant to Aided Schools per head of Pupil. | Grant paid for 1922-1923. | Average rate of Fees charged. | Result of 4th Standard Examination (conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal Schools.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' salaries. | Pays of other servants. | Rent, if any. | Contingencies, &c. | Total. | | | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | s. Dec. | Rs. Dec. | Rs. a. p. | | | |
| .. | 7 | 7 | 2,961 0 0 | 240 0 0 | 600 0 0 | 227 0 0 | 4,028 0 0 | 44·3 | 11 | 1,000 0 0 | ·1 | .... | .. |
| 1 | 4 | 5 | 2,486 0 0 | 366 0 0 | 1,800 0 0 | 84 0 0 | 4,736 0 0 | 63·3 | 19·1 | 1,430 0 0 | ·3 | 8 | 7 |
| 5 | .. | 5 | 6,520 0 0 | 87 0 0 | 738 0 0 | 90 0 0 | 7,435 0 0 | 239·9 | 58·1 | 1,800 0 0 | *Nil* | .... | .. |
| 1 | .. | 1 | 690 0 0 | 60 0 0 | 300 0 0 | 80 0 0 | 1,130 0 0 | 15·1 | 1·4 | 100 0 0 | 5 | 7 | .. |
| 4 | .. | 4 | 2,145 0 0 | 130 0 0 | 429 0 0 | 111 0 0 | 2,815 0 0 | 20·4 | 6·2 | 859 0 0 | ·4 | 19 | 7 |
| 5 | .. | 5 | 1,58 0 0 | 206 0 0 | 456 0 0 | 150 0 0 | 2,400 0 0 | 58·5 | 16·9 | 693 0 0 | ·5 | 13 | 8 |
| 4 | .. | 4 | 2,050 0 0 | 144 0 0 | 456 0 0 | 104 0 0 | 2,754 0 0 | 22 | 4·8 | 600 0 0 | ·5 | 21 | 13 |
| 3 | .. | 3 | 1,560 0 0 | 72 0 0 | 240 0 0 | 57 0 0 | 1,929 0 0 | 20·1 | 4·7 | 449 0 0 | 4 | 12 | 9 |
| 8 | .. | 8 | 3,227 0 0 | 180 0 0 | 1,200 0 0 | 129 0 0 | 4,736 0 0 | 28·9 | 7·6 | 1,246 0 0 | ·5 | 32 | 21 |
| 1 | .. | 1 | 120 0 0 | 18 0 0 | .... | 94 0 0 | 232 0 0 | 25·9 | 6·7 | 60 0 0 | ·5 | .... | .. |
| 1 | .. | 1 | 340 0 0 | .... | 84 0 0 | 156 0 0 | 580 0 0 | 21·5 | 5·6 | 150 0 0 | *Nil* | .... | .. |
| 1 | 3 | 4 | 1,719 0 0 | 144 0 0 | 720 0 0 | 79 0 0 | 2,662 0 0 | 37 | 5·2 | 376 0 0 | " | 5 | 3 |
| 12 | .. | 12 | 5,012 0 0 | 234 0 0 | 1,920 0 0 | 683 0 0 | 7,849 0 0 | 46·7 | 15·9 | 2,670 0 0 | ·3 | .... | .. |
| 1 | 4 | 5 | 1,589 0 0 | 70 0 0 | 660 0 0 | 22 0 0 | 2,341 0 0 | 39·7 | 8·5 | 500 0 0 | 1·2 | .... | .. |
| 3 | 10 | 13 | 7,380 0 0 | 846 0 0 | 4,200 0 0 | 1,550 0 0 | 13,976 0 0 | 31·3 | 9 | 4,000 0 0 | 2·8 | 188 | 166 |
| 1 | 3 | 4 | 1,104 0 0 | 120 0 0 | 967 0 0 | 103 0 0 | 2,299 0 0 | 26·4 | 7·31 | 536 0 0 | 1·7 | .... | .. |
| 1 | 4 | 5 | 2,169 0 0 | 157 0 0 | 1,200 0 0 | 88 0 0 | 4,464 0 0 | 43·8 | 14·5 | 1,482 0 0 | ·3 | .... | .. |
| 3 | 7 | 10 | 3,527 0 0 | 234 0 0 | 1,500 0 0 | 54 0 0 | 5,315 0 0 | 46·6 | 8·8 | 1,004 0 0 | 2 | .... | .. |
| 18 | 3 | 21 | 5,695 0 0 | 144 0 0 | .... | 521 0 0 | 6,360 0 0 | 54·8 | 1·5 | 1,745 0 0 | 2 | .... | .. |
| 8 | 1 | 9 | 2,601 0 0 | 120 0 0 | 25 0 0 | 143 0 0 | 2,889 0 0 | 43·1 | 13·8 | 923 0 0 | ·75 | .... | .. |
| 4 | .. | 4 | 457 0 0 | 60 0 0 | .... | 48 0 0 | 565 0 0 | 15·7 | 4·4 | 160 0 0 | *Nil* | .... | .. |
| 1 | .. | 1 | 4.0 0 0 | .... | 3 0 0 | 20 0 0 | 463 0 0 | 11·6 | 2·5 | 100 0 0 | " | .... | .. |
| 3 | .. | 3 | 621 0 0 | 10 0 0 | 1 0 0 | 19 0 0 | 651 0 0 | 7 | 3·3 | 309 0 0 | " | .... | .. |
| 2 | .. | 2 | 76 0 0 | 4 0 0 | .... | 24 0 0 | 104 0 0 | 5·2 | 1·2 | 24 0 0 | " | .... | .. |
| 1 | 3 | 4 | 836 0 0 | 120 0 0 | 352 0 0 | 94 0 0 | 1,402 0 0 | 29·2 | 10·3 | 496 0 0 | ·2 | 4 | 2 |
| .. | 3 | 3 | 1,960 0 0 | 48 0 0 | 300 0 0 | 107 0 0 | 2,415 0 0 | 33·5 | 11·1 | 801 0 0 | ·8 | .... | .. |
| 3 | 1 | 4 | 2,181 0 0 | 48 0 0 | 444 0 0 | 176 0 0 | 2,819 0 0 | 31·3 | 8·7 | 792 0 0 | 1·3 | 8 | 1 |
| 7 | 2 | 9 | 4,209 0 0 | 495 0 0 | 1,074 0 0 | 194 0 0 | 5,936 0 0 | 36 | 9·8 | 1,541 0 0 | ·4 | 26 | 10 |
| 1 | .. | 1 | 401 0 0 | .... | 138 0 0 | 15 0 0 | 554 0 0 | 12 | 1·8 | 86 0 0 | *Nil* | .... | .. |
| 2 | 1 | 3 | 1, 64 0 0 | .... | .... | 70 0 0 | 1,243 0 0 | 11·1 | 2·7 | 300 0 0 | " | .... | .. |
| 2 | .. | 2 | 500 0 0 | 50 0 0 | 600 0 0 | 181 0 0 | 1,331 0 0 | 26·6 | 3·5 | 175 0 0 | " | .... | .. |
| .. | 2 | 2 | 276 0 0 | 91 0 0 | 241 0 0 | 144 0 0 | 752 0 0 | 12·5 | 1 | 60 0 0 | .... | .... | .. |
| 3 | .. | 3 | 408 0 0 | 18 0 0 | .... | 72 0 0 | 498 0 0 | 16·6 | 2·5 | 75 0 0 | ·25 | .... | .. |
| .. | 1 | 1 | 322 0 0 | 94 0 | 85 0 0 | 148 0 0 | 649 0 0 | 26 | 2·4 | 61 0 0 | .... | .... | .. |
| 5 | .. | 5 | 756 0 0 | 12 0 0 | .... | 90 0 0 | 858 0 0 | 11 | 2 | 160 0 0 | ·3 | .... | .. |

| Ward. | Section. | Population of Primary School-going Age. Estimate of children from 7 complete to 12 complete both inclusive per census of 1921. | Name of School. | Where situated. | Description. (a) Municipal or Aided. (b) Marathi, Gujarati or Urdu. | Number of Pupils on Rol. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Boys. | Girls. | Total. |
| E .. | Kamathipura .. | 19,705 | Madresa Hanfia Urdu Free School. | Falkland Road .. .. .. | Aided Urdu .. | 92 | 24 | 116 |
| „ .. | Do. .. | | American Mission Burnell School. | Love Lane, Mazagon .. .. | Aided Marathi .. | 39 | 19 | 58 |
| „ .. | Do. .. | | American Mission MacKinley Boys' School. | Haines Road, Jacob Circle .. | Do. .. | 61 | .. | 61 |
| „ .. | Do. .. | | Kamathipura 6th Lane, Bazar Road School. | Kamathipura Bazar Road .. | Do. .. | 84 | .. | 84 |
| „ .. | Do. .. | | S. A. Dhorchawl Primary School. | Foras Road .. .. .. .. | Do. .. | 23 | .. | 23 |
| „ .. | Tardeo .. | | Bai R. F. Panday Girls' School. | Gilder Street, Tardeo .. .. | Aided Gujarati .. | 75 | 127 | 202 |
| „ .. | Do. .. | | Prarthana Samaj Tardeo Night School. | Tardeo Jetha, Ladhao Wadi .. | Aided Marathi .. | 26 | .. | 26 |
| „ .. | Do. .. | | S. S. League Tardeo Night School. | Dorabji's Chawl, Falkland Road .. | Do. .. | 28 | .. | 28 |
| „ .. | Do. .. | | S. S. League Night School, Tardeo New Compound. | Tardeo New Compound .. .. | Do. .. | 27 | .. | 27 |
| „ .. | Chinchpoogli .. | | Hajee Dawood Baula Mu-alman Girls' School. | Chinchpogli .. .. .. .. | Aided Urdu .. | .. | 35 | 35 |
| „ .. | Byculla .. | | American Mission, Byculla Primary School. | Parel Road, Byculla .. .. | Aided Marath .. | 122 | 51 | 173 |
| „ .. | Do. .. | | M. E. Mission DeLisle Road Gujrati School. | DeLisle Road near Arthur Road, Chinchpoogli. | Aided Gujarati .. | 22 | 8 | 30 |
| „ .. | Do. .. | | S. A. Dagad Chawl School .. | Morland Road .. .. .. | Aided Marathi .. | 20 | .. | 20 |
| „ .. | Do. .. | | S. A. Clerk Road School .. | Near Byculla Railway Station .. | Do. .. | 30 | 5 | 35 |
| „ .. | Do. .. | | Tendulkar School .. .. | Haines Road, Byculla .. .. | Do. .. | 152 | .. | 152 |
| „ .. | Do. .. | | American Mission Towle School. | Parsi Statue, Byculla .. .. | Do. .. | 7 | 23 | 30 |
| „ .. | Do. .. | | M. E. Mission Agripada Girls' Primary School. | Corner of Rebsch and Wylie Street. | Do. .. | 25 | 34 | 59 |
| „ .. | Do. .. | | Israelite School .. .. | Jacob Circle .. .. .. .. | Do. .. | 91 | 59 | 150 |
| „ .. | Do. .. | | Roman Catholic Marathi School. .. | Clark Road, Jacob Circle .. .. | Do. .. | 74 | 27 | 101 |
| „ .. | Do. .. | | The Willingdon Boys' Home School. | Sankli Street, Byculla .. .. | Aided Gujarat .. | 21 | .. | 21 |
| „ .. | Do. .. | | S. A. Agripada Chawl School.. | Water Street, Byculla .. .. | Aided Marathi .. | 14 | 4 | 18 |
| „ .. | Do. .. | | C. M. S. Jacob Circle School .. | Agripada .. .. .. .. | Aided Gujarati .. | 33 | 9 | 42 |
| „ .. | Do. .. | | S. S. Leggue Madanpura Night School. | Safiabadi Municipal Urdu School.. | Aided Urdu .. | 45 | .. | 45 |
| F .. | Parel .. | 11,718 | New Parel Bhoiwada, Marathi Boys' School. | New Bhoiwada, House No. 74 .. | Aided Marathi .. | 96 | 8 | 104 |
| „ .. | Do. .. | | Morarji Gokuldas Night School. | Morarji's Gokuldas Chawl, Parel .. | Do. .. | 21 | .. | 21 |
| „ .. | Do. .. | | P. S. Duncan Road Night School. | Seven Roads Municipal Marathi School, Jacob Circle. | Do. .. | 24 | .. | 24 |
| „ .. | Do. .. | | Hare and Mandali's Charitable Institution. | Parel Talwadi .. .. .. | Do. .. | 51 | .. | 51 |
| „ .. | Do. .. | | P. S. Parel Night School .. | Parel Tram Terminus .. .. | Do. .. | 46 | .. | 46 |
| „ .. | Do. .. | | Lady Northcote Hindu Orphanage School. | Chinchpokli, Parel Road .. .. | Aided Gujarati .. | 72 | .. | 72 |
| „ .. | Do. .. | | D. C. M. Parel Girls' School .. | Ghadiali Hall, Parel Tram Terminus. | Aided Marathi .. | .. | 20 | 20 |
| „ .. | Do. .. | | Wesleyan Mission Primary School. | Near Elphinstone Bridge .. .. | Do. .. | 57 | 6 | 63 |
| „ .. | Do. .. | | D. C. M. Parel Vernacular School. | Ghadiali Hall, Parel Tram Terminus. | Do. .. | 248 | .. | 248 |
| „ .. | Do. .. | | S. A. Mahim Chawl School .. | Near Elphinstone Bridge .. .. | Do. .. | 34 | 2 | 36 |
| „ .. | Do. .. | | Britania Girls' School .. .. | Parel Lalbag .. .. .. | Aided Gujarati .. | 50 | 57 | 107 |
| „ .. | Do. .. | | Sir J. J. Parel Girls' Primary School. | Parel at the Junction of Soparibag and Curry Roads. | Do. .. | .. | 115 | 115 |
| „ .. | Do. .. | | DeLisle Road, Parel, Boys' and Girls' School. | Lower Parel .. .. .. .. | Do. .. | 79 | 12 | 91 |
| „ .. | Wadala .. | | B. P. T. Railway Wadala School. | Sewri, Bombay .. .. .. | Aided Marath .. | 199 | 15 | 214 |
| „ .. | Matunga .. | | Vincent Road Marathi School.. | Vincent Road, Matunga .. .. | Do. .. | 65 | 8 | 73 |
| „ .. | Do. .. | | Bazar Peth School .. .. | Matunga .. .. .. .. | Do. .. | 38 | 4 | 42 |
| „ .. | Do. .. | | The Mammabai Primary School. | Parel Road .. .. .. .. | Aided Gujarati .. | 47 | .. | 47 |
| „ .. | Do. .. | | B. J. Home School for Children. | King's Circle, Matunga .. .. | Aided Marathi .. | 104 | 24 | 128 |
| „ .. | Sewri .. | | Acworth Leper Asylum .. | No. 1769, Matunga .. .. .. | Do. .. | 12 | 12 | 24 |
| G .. | Worli .. | 13,728 | G. E. Institute, Dadar, Vernacular Branch. | Lady Jamsetjee Road, Dadar .. | Do. .. | 267 | .. | 267 |
| „ .. | Lower Parel .. | | Kamgar Hitwardhak Sabha Free Night School. | Lower Parel .. .. .. .. | Do. .. | 30 | .. | 30 |
| „ .. | Mahim .. | | D. S. R. I. Institution, Marathi School. | Lady Hardinge Road, near Railway Station, Matunga. | Do. .. | 152 | .. | 152 |
| „ .. | Do. .. | | D. S. R. I. Institution Gujarati School. | Do. .. | Aided Gujarati .. | 60 | | 60 |

THE SCHOOLS COMMITTEE'S OFFICE,
BOMBAY, 17*th September* 1923.

| Number of Teachers. | | | Annual Expenditure exclusive of Supervision and Medical Inspection Charges. | | | | | Annual expenditure per head of Pupil. | Annual Grant to Aided Schools per head of Pupil. | Grant paid for 1922-1923. | Average rate of Fees charged. | Result of 4th Standard Examination (conducted by the Government Deputy Educational Inspector with help from the Superintendents, Municipal chools.) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Males. | Females. | Total. | Teachers' salaries. | Pays of other servants. | Rent, if any. | Contingencies, &c. | Total. | | | | | Appeared. | Passed. |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. Dec. | Rs. Dec. | Rs. a. p. | | | |
| 3 | .. | 3 | 1,150 0 0 | 237 0 0 | 420 0 0 | 156 0 0 | 1,963 0 0 | 16·9 | 5·8 | 678 0 0 | .... | .... | .... |
| 1 | 2 | 3 | 490 0 0 | 120 0 0 | 216 0 0 | 163 0 0 | 989 0 0 | 17·1 | 5·2 | 300 0 0 | ·1 | .... | .... |
| 2 | 2 | 4 | 799 0 0 | 120 0 0 | 192 0 0 | 118 0 0 | 1,229 0 0 | 20·1 | 4·9 | 300 0 0 | ·1 | .... | .... |
| 2 | .. | 2 | 1,260 0 0 | .... | 360 0 0 | 85 0 0 | 1,705 0 0 | 20·3 | 4·2 | 350 0 0 | 3 | 4 | 1 |
| 1 | .. | 1 | 226 0 0 | .... | 146 0 0 | 15 0 0 | 387 0 0 | 16·9 | 2·9 | 66 0 0 | *Nil* | .... | .... |
| 2 | 8 | 10 | 5,188 0 0 | 180 0 0 | 2,006 0 0 | 570 0 0 | 7,914 0 0 | 39 | 12 | 2,388 0 0 | 2 | .... | .... |
| 1 | .. | 1 | 181 0 0 | 18 0 0 | .... | 105 0 0 | 304 0 0 | 11·7 | 3·1 | 80 0 0 | ·5 | .... | .... |
| 2 | .. | 2 | 233 0 0 | .... | 266 0 0 | 58 0 0 | 557 0 0 | 20 | 4·4 | 123 0 0 | *Nil* | .... | .... |
| 2 | .. | 2 | 195 0 0 | 42 0 0 | 266 0 0 | 60 0 0 | 563 0 0 | 20·9 | 4·6 | 125 0 0 | ,, | .... | .... |
| .. | 2 | 2 | 1,380 0 0 | 1,140 0 0 | 2,100 0 0 | 1,500 0 0 | 6,120 0 0 | 186·3 | 34·3 | 1,200 0 0 | ,, | 1 | 1 |
| 1 | 7 | 8 | 3,861 0 0 | 292 0 0 | 1,200 0 0 | 165 0 0 | 5,518 0 0 | 32 | 11·4 | 1,975 0 0 | ·2 | 23 | 6 |
| 1 | .. | 1 | 357 0 0 | 36 0 0 | .... | 174 0 0 | 567 0 0 | 18·9 | 5 | 150 0 0 | *Nil* | .... | .... |
| 1 | .. | 1 | 178 0 0 | .... | 86 0 0 | 15 0 0 | 279 0 0 | 14 | 6·3 | 125 0 0 | ,, | .... | .... |
| 1 | .. | 1 | 247 0 0 | .... | 110 0 0 | 15 0 0 | 372 0 0 | 10 | 2 | 76 0 0 | ,, | .... | .... |
| 4 | .. | 4 | 2,272 0 0 | 120 0 0 | 372 0 0 | 22 0 0 | 2,786 0 0 | 18·3 | 4·4 | 670 0 0 | ·6 | 26 | 22 |
| 1 | 1 | 2 | 250 0 0 | .... | .... | 30 0 0 | 280 0 0 | 9·3 | 2·7 | 80 0 0 | *Nil* | .... | .... |
| .. | 3 | 3 | 1,294 0 0 | 120 0 0 | 374 0 0 | 4,335 0 0 | 6,123 0 0 | 103·7 | 8·4 | 495 0 0 | .... | .... | .... |
| 5 | 2 | 7 | 2,803 0 0 | 230 0 0 | 734 0 0 | 192 0 0 | 3,959 0 0 | 26·4 | 8·3 | 1,245 0 0 | ·4 | 15 | 2 |
| 3 | 1 | 4 | 3,155 0 0 | 84 0 0 | 1,032 0 0 | 305 0 0 | 4,576 0 0 | 45 | 1·98 | 200 0 0 | *Nil* | .... | .... |
| 1 | .. | 1 | 216 0 0 | .... | 75 0 0 | 9 0 0 | 300 0 0 | 14 | 3·6 | 75 0 0 | ,, | .... | .... |
| 1 | .. | 1 | 186 0 0 | .... | 50 0 0 | 15 0 0 | 251 0 0 | 14 | 3·9 | 70 0 0 | ,, | .... | .... |
| 2 | 1 | 3 | 723 0 0 | 55 0 0 | .... | 28 0 0 | 806 0 0 | 19·2 | 7·1 | 300 0 0 | ·5 | .... | .... |
| 4 | .. | 4 | 80 0 0 | 30 0 0 | .... | 72 0 0 | 582 0 0 | 12·9 | 1·7 | 75 0 0 | ·25 | .... | .... |
| 4 | .. | 4 | 1,471 0 0 | 180 0 0 | 180 0 0 | 235 0 0 | 2,066 0 0 | 19·9 | 2·9 | 380 0 0 | ·8 | 10 | 4 |
| 2 | .. | 2 | 255 0 0 | 12 0 0 | 266 0 0 | 47 0 0 | 580 0 0 | 27·7 | 6 | 125 0 0 | .... | .... | .... |
| 2 | .. | 2 | 175 0 0 | 15 0 0 | .... | 86 0 0 | 276 0 0 | 11·5 | 2 | 48 0 0 | 5 | .. | .... |
| 2 | .. | 2 | .... | .... | .... | .... | .... | .... | 2·6 | 133 0 0 | *Nil* | .... | .... |
| 2 | .. | 2 | 240 0 0 | 18 0 0 | .... | 53 0 0 | 311 0 0 | 6·8 | 2·1 | 98 0 0 | 5 | .... | .... |
| 4 | .. | 4 | 3,491 0 0 | 80 0 0 | 900 0 0 | .... | 4,471 0 0 | 62·1 | 13·9 | 1,000 0 0 | *Nil* | 12 | 9 |
| .. | 1 | 1 | 309 0 0 | .... | .... | 12 0 0 | 321 0 0 | 16·1 | 7·5 | 150 0 0 | ·2 | 1 | 1 |
| 2 | 2 | 4 | 1,269 0 0 | 232 0 0 | 660 0 0 | 106 0 0 | 2,267 0 0 | 36 | 6·7 | 425 0 0 | *Nil* | 4 | 2 |
| 6 | .. | 6 | 2,645 0 0 | .... | 492 0 0 | 51 0 0 | 3,188 0 0 | 12·9 | 3·7 | 920 0 0 | ·25 | .... | .... |
| 1 | .. | 1 | 188 0 0 | .... | 138 0 0 | 18 0 0 | 344 0 0 | 9·6 | 2·4 | 86 0 0 | *Nil* | .... | .... |
| 1 | 5 | 6 | 3,209 0 0 | 160 0 0 | 1,200 0 0 | 93 0 0 | 4,662 0 0 | 43·6 | 11·2 | 1,200 0 0 | 2·5 | .... | .... |
| .. | 8 | 8 | 4,039 0 0 | 352 0 0 | 1,420 0 0 | 970 0 0 | 6,781 0 0 | 59 | 14·1 | 1,625 0 0 | ·5 | .... | .... |
| 4 | .. | 4 | 2,147 0 0 | 120 0 0 | 815 0 0 | 31 0 0 | 313 0 0 | 34·2 | 7·1 | 650 0 0 | 1·8 | 7 | 5 |
| 7 | 3 | 10 | 2,533 0 0 | 352 0 0 | .... | 462 0 0 | 3,397 0 0 | 15·8 | 4·1 | 880 0 0 | .... | 16 | 6 |
| 1 | .. | 1 | 840 0 0 | 110 0 0 | 360 0 0 | 60 0 0 | 1,370 0 0 | 18·8 | 4·1 | 390 0 0 | ·6 | - | .... |
| 1 | .. | 1 | 300 0 0 | 110 0 0 | 240 0 0 | 50 0 0 | 700 0 0 | 16·7 | 3·6 | 150 0 0 | ·6 | 4 | .... |
| 3 | .. | 3 | 1,501 0 0 | 108 0 0 | 1,500 0 0 | 62 0 0 | 3,171 0 0 | 67·5 | 10·6 | 500 0 0 | .9 | .... | .... |
| 8 | 2 | 10 | 1,101 0 0 | .... | .... | 92 0 0 | 1,193 0 0 | 9·3 | 2 | 258 0 0 | *Nil* | .... | .... |
| .. | .. | .. | .... | .... | .... | .... | .... | .... | ·8 | 20 0 0 | ,, | .... | .... |
| 9 | .. | 9 | 2,292 0 0 | 180 0 0 | 1,680 0 0 | 441 0 0 | 4,593 0 0 | 17·2 | 4·1 | 1,092 0 0 | 4.25 | .... | .... |
| 2 | .. | 2 | 300 0 0 | 60 0 0 | .... | .... | 360 0 0 | 12 | 1·3 | 41 0 0 | .... | .... | .... |
| 7 | .. | 7 | 4,310 0 0 | .... | .... | 534 0 0 | 4,844 0 0 | 31·9 | 5·1 | 769 0 0 | *Nil* | .... | .... |
| 5 | .. | 5 | 2,854 0 0 | .... | .... | 263 0 0 | 3,117 0 0 | 52 | 10·4 | 626 0 0 | ,, | .... | .. |

D. G. PADHYE,  
Secretary, Schools Committee.

MUNICIPAL OFFICES,
BOMBAY, *23rd June* 1923.

From

THE MUNICIPAL AUDITORS,
BOMBAY.

To

THE MUNICIPAL SECRETARY,
BOMBAY.

SIR,

In accordance with Section 137 of the Bombay Municipal Act of 1888, we have the honour to forward herewith six appendices marked A, B, C, D, E & F, containing the result of the scrutiny of outstanding bills of Rates and Taxes, which were in the hands of the Ward Clerks and in the Office of the Assessor and Collector, on the 31st March 1923.

2. Appendix D shows the bills, outstanding on the 31st March 1923, on account of additional tax, ordered to be recovered by the Chief Presidency Magistrate for payment to claimants on account of compensation for damage, death or grievous hurt during the riots of the 17th November 1921 and subsequent days.

3. Appendix E shows the bills, outstanding on the 31st March 1923, on account of additional Tax, ordered to be recovered by the Chief Presidency Magistrate on account of compensation payable for damage done to a property during the riots of November 1920.

4. Appendix F shows the bills, outstanding on the 31st March 1923, on account of street number plates, in the hands of the Ward Clerks and the office of the Assessor and Collector.

5. These appendices form part of the annual report on the Municipal Accounts for the year 1922-23, now under preparation.

6. We beg to add that some of the bills, included in these appendices, were certified by the Assessment Department to have been paid on or after the 1st April 1923 and were therefore, not placed before us for scrutiny.

We have the honour to be,
Sir,
Your most obedient servants,
H. S. KATRAK,
BHUKHANDAS B. DESAI,
*Municipal Auditors.*

# Appendix A.

STATEMENT of outstanding bills of Rates and Taxes for the year 1922-23 in the hands of the Ward Clerks and in the office of the Assessor and Collector on the 31st March 1923.

| Wards. | No. of Bills. | Amount. | | | | | | | | | Grand Total | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | On value | | | | Compounded or Special. | | | Tax on Vehicles and Animals. | Meter hire. | | |
| | | General Tax. | Water Tax. | Halalkhore Tax. | Total. | Compounded water service. | Special Halalkhore service. | Water charged by meter. | | | | |
| | | Rs. a p. | Rs. a. p. | Rs. a p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| A ... ... | 897 | 1,37,966 14 8 | 40,575 15 0 | 36,369 15 2 | 2,14,912 12 10 | 1 8 0 | ...... | 23,830 10 2 | 11,151 1 0 | 347 12 0 | 2,50,243 12 0 | |
| B ... ... | 478 | 76,855 12 3 | 22,681 12 7 | 20,416 5 10 | 1,19,953 14 8 | 3 0 0 | ...... | 6,442 3 5 | 2,321 0 0 | 210 0 0 | 1,28,930 2 1 | |
| C ... ... | 316 | 56,046 13 3 | 17,110 5 5 | 14,695 12 4 | 87,852 15 0 | 572 10 0 | ...... | 245 11 0 | 2,115 2 10 | 15 0 0 | 90,801 6 10 | |
| D ... ... | 1,068 | 86,892 0 5 | 27,189 13 2 | 23,393 9 7 | 1,37,475 7 2 | 16 15 4 | ...... | 7,011 12 7 | 16,466 5 4 | 159 0 0 | 1,61,131 8 5 | |
| E ... ... | 574 | 38,477 13 0 | 10,108 11 1 | 9,481 2 7 | 58,067 10 8 | 3 8 0 | ...... | 6,871 0 4 | 5,273 10 8 | 309 0 0 | 70,524 13 8 | |
| F ... .. | 182 | 10,572 5 3 | 2,749 0 9 | 2,795 13 10 | 16,117 3 10 | ...... | 48 9 0 | 2,707 12 10 | 1,461 0 0 | 168 0 0 | 20,502 9 8 | |
| G ... .. | 602 | 18,137 10 6 | 3,625 6 5 | 4,417 1 6 | 26,180 2 5 | 2 0 0 | ...... | 2,610 3 3 | 1,437 0 0 | 15 0 0 | 30,244 5 8 | |
| Govt. Port Trust and Railway Section. | 151 | 27 12 8 | ...... | ... .. | 27 12 8 | 480 6 0 | 18,409 0 5 | 47,761 8 8 | 6,865 10 8 | 125 0 0 | 73,669 6 5 | |
| City Improvement Trust Section. | 531 | 20,200 5 10 | 6,027 10 7 | 5,056 3 4 | 31,284 3 9 | 2 8 0 | ...... | 5,271 6 4 | ...... | 887 11 2 | 37,445 13 8 | |
| Total ... | 4,799 | 4,45,177 7 10 | 1,30,068 11 0 | 1,16,626 0 2 | 6,91,872 3 0 | 1,084 7 4 | 18,457 9 5 | 1,02,752 4 7 | 47,090 14 6 | 2,236 7 2 | 8,63,493 14 0 | |

MUNICIPAL OFFICES,
BOMBAY, *23rd June* 1923.

H. S. KATRAK,
BHUKHANDAS B. DESAI,
*Municipal Auditors.*

# Appendix B.

STATEMENT of outstanding bills of Rates and Taxes for the year 1921-22, and the previous years in the hands of the Ward Clerks and in the office of the Assessor and Collector on the 31st March 1923.

| Wards. | No. of Bills. | Amount. | | | | | | | | Grand Total. | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | On Value. | | | | Compounded or Special. | | | Tax on Vehicles and Animals. | | |
| | | General Tax. | Water Tax. | Halalkhore Tax. | Total. | Compounded Water Service. | Special Halalkhore Service. | Water charged by Meter. | | | |
| | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| | | | | | For the | year 1918-19. | | | | | |
| A ... ... | 1 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 15 0 0 | 15 0 0 | |
| D ... ... | 2 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 23 0 0 | 23 0 0 | |
| E ... ... | 1 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 15 0 0 | 15 0 0 | |
| Total ... | 4 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 53 0 0 | 53 0 0 | |
| | | | | | For the | year 1919-20. | | | | | |
| A ... ... | 1 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 12 0 0 | 12 0 0 | |
| C ... ... | 2 | 64 3 9 | 19 4 9 | 19 12 9 | 103 5 3 | ...... | ...... | ...... | 5 0 0 | 108 5 3 | |
| D ... ... | 10 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 186 0 0 | 186 0 0 | |
| E ... | 1 | ...... | ...... | ...... | ...... | ...... | ...... | 35 0 0 | ...... | 35 0 0 | |
| Total ... | 14 | 64 3 9 | 19 4 9 | 19 12 9 | 103 5 3 | ...... | ...... | 35 0 0 | 203 0 0 | 341 5 3 | |
| | | | | | For the | year 1920-21. | | | | | |
| A ... ... | 12 | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 133 0 0 | 133 0 0 | |
| B ... ... | 3 | 145 2 7 | ...... | ...... | 145 2 7 | ...... | ...... | ...... | 30 0 0 | 175 2 7 | |
| C ... ... | 11 | 223 3 9 | 67 13 1 | 67 13 1 | 358 13 11 | ...... | ...... | ...... | 225 0 0 | 583 13 11 | |
| D ... ... | 71 | 236 4 3 | 10 6 2 | 14 1 9 | 260 12 2 | ...... | ...... | ...... | 1,207 2 8 | 1,467 14 10 | |
| E ... ... | 12 | 0 11 0 | 0 7 8 | 3 0 0 | 4 2 8 | ...... | ...... | 69 0 0 | 106 0 0 | 179 2 8 | |
| F ... ... | 3 | ...... | ...... | ...... | ...... | ...... | ...... | 117 3 6 | 30 0 0 | 147 3 6 | |
| G ... ... | 10 | 30 3 0 | 8 15 1 | 9 3 3 | 48 5 4 | ...... | ...... | ...... | 26 10 8 | 75 0 0 | |
| City Improvement Trust. | 18 | 949 12 11 | 288 8 9 | 286 11 9 | 1,525 1 5 | ...... | ...... | 214 1 6 | ...... | 1,739 2 11 | |
| Total ... | 140 | 1,585 5 6 | 376 2 9 | 280 13 10 | 2,342 6 1 | ...... | ...... | 400 5 0 | 1,757 13 4 | 4,500 8 5 | |
| | | | | | For the | year 1921-22. | | | | | |
| A ... ... | 87 | 10,397 13 6 | 1,791 9 11 | 3,172 10 9 | 15,362 2 2 | ...... | ...... | ...... | 700 10 8 | 16,062 12 10 | |
| B ... ... | 38 | 4,528 15 7 | 1,116 10 2 | 1,295 3 7 | 6,940 13 4 | ...... | ...... | ...... | 116 0 0 | 7,056 13 4 | |
| C ... .. | 24 | 937 7 11 | 289 4 0 | 302 12 10 | 1,529 8 9 | ...... | ...... | ...... | 191 0 0 | 1,720 8 9 | |
| D ... ... | 141 | 4,346 9 2 | 1,588 5 3 | 1,432 15 6 | 7,367 13 11 | ...... | ...... | 46 8 0 | 1,710 0 0 | 9,124 5 11 | |
| E ... ... | 57 | 2,689 0 1 | 596 0 10 | 216 0 11 | 3,501 1 10 | ...... | ...... | 281 0 9 | 475 0 0 | 4,257 2 7 | |
| F ... ... | 20 | 1,863 10 8 | 565 14 8 | 565 14 8 | 2,995 8 0 | ...... | ...... | 520 1 6 | 40 0 0 | 3,555 9 6 | |
| G ... ... | 42 | 685 10 3 | 148 14 2 | 149 0 6 | 983 8 11 | ...... | ...... | ...... | 15 0 0 | 998 8 11 | |
| Govt. Port Trust and Railway Section. | 3 | ...... | ...... | ...... | ...... | ...... | 605 4 0 | ...... | 90 0 0 | 695 4 0 | |
| City Improvement Trust Section. | 43 | 530 15 8 | 130 10 7 | 139 7 7 | 801 1 10 | ...... | ...... | 231 6 0 | ...... | 1,032 7 10 | |
| Total ... | 455 | 25,980 2 10 | 6,227 5 7 | 7,274 2 4 | 39,481 10 9 | ...... | 605 4 0 | 1,079 0 3 | 3,337 10 8 | 44,503 9 8 | |

MUNICIPAL OFFICES,
*Bombay, 23rd June 1923.*

H. S. KATRAK,
BHUKHANDAS B. DESAI,
*Municipal Auditors.*

# Appendix C.

SUMMARY of Appendices A and B.

| Year. | Appendix A. | | Appendix B. | | Grand Total. | |
|---|---|---|---|---|---|---|
| | Number of bills. | Amount. | Number of bills. | Amount. | Number of bills. | Amount. |
| | | Rs. a. p. | | Rs. a. p. | | Rs. a. p. |
| 1922-23 ... ... ... ... ... | 4,799 | 8,63,493 14 0 | ...... | .......... | 4,799 | 8,63,493 14 0 |
| 1921-22 ... ... ... ... ... | ...... | ............ | 455 | 44,503 9 8 | 455 | 44,503 9 8 |
| 1920-21 ... ... ... ... ... | ...... | ............ | 140 | 4,500 8 5 | 140 | 4,500 8 5 |
| 1919-20 ... ... ... ... ... | ...... | ............ | 14 | 341 5 3 | 14 | 341 5 3 |
| 1918-19 ... ... ... ... | ...... | ............ | 4 | 53 0 0 | 4 | 53 0 0 |
| Total ... | 4,799 | 8,63,493 14 0 | 613 | 49,398 7 4 | 5,412 | 9,12,892 5 4 |

*Note.*—The outstanding amount on the same date last year, *i.e.*, on the 31st March 1922, was Rs. 6,57,623-5-11.

MUNICIPAL OFFICES,
*Bombay, 23rd June 1923.*

H. S. KATRAK,
BHUKHANDAS B. DESAI,
*Municipal Auditors.*

# Appendix D.

Statement of bills outstanding on the 31st March 1923 on account of additional Tax ordered to be recovered by the Chief Presidency Magistrate for payment to the 222 claimants on account of compensation for loss, damages, death or grievous hurt during the riots of 17th November 1921 and subsequent dates.

| Ward. | Number of bills. | Amount. Rs. | a. | p. | Remarks. |
|---|---|---|---|---|---|
| B | 2396 | 94,688 | 14 | 9 | |
| C | 4570 | 1,48,650 | 5 | 3 | |
| D | 3150 | 98,238 | 13 | 5 | |
| E | 4430 | 1,06,160 | 15 | 7 | |
| F | 2421 | 61,556 | 7 | 5 | |
| G | 5184 | 65,008 | 13 | 8 | |
| Government Port Trust and Railway section. | 55 | 90,092 | 10 | 7 | |
| City Improvement Trust section. | 1952 | 21,961 | 9 | 3 | |
| Total .. ... | 24158 | 6,86,358 | 9 | 11 | |

Municipal Offices,

*Bombay*, 23*rd June* 1923.

H. S. KATRAK,
BHUKHANDAS B. DESAI,
*Municipal Auditors.*

# Appendix E

Statement of bills outstanding on the 31st March 1923 on account of additional Tax ordered to be recovered by the Chief Presidency Magistrate on account of compensation for damage done to a property during the riot of November 1920.

| Ward. | No. of bills. | Amount. | |
|---|---|---|---|
| | | Rs. a. p. | |
| E | 70 | 25 14 2 | |

Municipal Offices,
*Bombay 23rd June* 1923.

H. S. KATRAK,
BHUKHANDAS B. DESAI,
*Municipal Auditors.*

## Appendix F.

Statement of bills outstanding on the 31st March 1923 on account of street number plates in the hands of the Ward Clerks and the Office of the Assessor and Collector.

| Ward. | No. of bills. | Amount. | Remarks. |
|---|---|---|---|
| A | 1054 | Rs. a. p.<br>7,128 4 0 | |
| Total ... | 1054 | 7,128 4 0 | |

MUNICIPAL OFFICES,<br>
*Bombay*, 23*rd June* 1923.

H. S. KATRAK,<br>
BHUKHANDAS B. DESAI,<br>
*Municipal Auditors.*

Bombay, *9th October* 1923.

From

The Municipal Auditors,
Bombay.

To

The Municipal Secretary,
Bombay.

Sir,

We have the honour to forward herewith our Report on the accounts of the Schools Committee for the year 1922-23.

We have the honour to be,
Sir,
Your most obedient servants,
H. S. KATRAK,
BHUKHANDAS B. DESAI,
*Municipal Auditors.*

# REPORT ON THE ACCOUNTS OF THE SCHOOLS COMMITTEE FOR THE YEAR 1922-23.

In accordance with Bye-law No. 14 of the Schools Committee, we beg to report that we have audited the accounts, examined all vouchers, relating to the Receipts and Disbursements of the "School Fund" in charge of the Schools Committee from the 1st April 1922 to the 31st March 1923 and found them in order. Several irregularities found in the course of the audit of the Accounts and vouchers will be reported to the Secretary of the Schools Committee for necessary action. In connection with the accounts we beg to point out that with the increase in the Municipal grant there is a corresponding increase in the transactions of the year and it is essential that particular attention should be given to the accounts, and, if necessary, the existing system should be modified. The irregularities, pointed out by us in previous years, continue from year to year, and it is highly desirable that the Accounts Staff should be strengthened.

2. The total receipts of the "School Fund" during the year 1922-23 amounted to Rs. 21,76,237-13-0 against Rs. 19,31,065-4-0 for the year 1921-22. The excess of Rs. 2,45,172-9-0 is due to an increase in School Fees and in the contribution from the Municipal General Fund, slightly counterbalanced by a falling off in interest receipts on investments.

3. The total expenditure during the year 1922-23 amounted to Rs. 22,23,892-12-3 against Rs. 19,63,573-5-0 in the year 1921-22. The increase of Rs. 2,60,319-7-3 was due to:—(1) opening of additional schools, (2) increase in the number of teachers, (3) improved housing accommodation for schools and (4) increase in the rates of pay to teachers, etc., as explained by the Secretary, Schools Committee, in his Annual Administration Report for the year 1922-1923.

4. The expenditure under some of the heads of account exceeded the Budget Grants sanctioned for them. The total excess amounted to Rs. 86,858-2-6 which was met partly by re-appropriation from savings under other grants and partly by an additional grant from Surplus Cash Balance, (as per Schools Committee's Resolution No. 63 of 21st July 1923). In this connection we beg respectfully to point out that the procedure adopted by the Schools Committee in sanctioning excess expenditure after the close of the year by re-appropriation and additional grants is irregular and not in conformity with the provisions of the Municipal Act, and we are of opinion that no excess expenditure over a Budget Grant, should be allowed to be incurred, until it is covered by a re-appropriation or an additional grant.

5. The total assets and workable balance of the "School Fund" on the 31st March 1923 were Rs. 1,53,924-5-4 and Rs. 12,484-0-8 respectively, as shown below:—

| | | Rs. | a. | p. |
|---|---|---|---|---|
| Advances recoverable ... ... ... ... ... ... | | 330 | 0 | 0 |
| Government Promissory Notes, being Security Deposits of Contractors, kept for safe custody with the Imperial Bank of India (nominal value) ... ... ... ... ... ... | | 6,000 | 0 | 0 |
| Government Promissory Notes and other, Securities belonging to Prize and other Funds, deposited with the Imperial Bank of India for safe custody (nominal value)... ... ... | | 1,18,300 | 0 | 0 |
| Government Promissory Notes of the nominal value of Rs. 11,200 on account of investment of Surplus Cash Balance, belonging to the "School Fund", kept with the Imperial Bank of India for safe custody (actual value) ... ... ... ... ... | | 10,801 | 0 | 0 |
| *Cash Balances—* | | | | |
| (a) In the Imperial Bank of India ... | ...... | ...... | | |
| (b) In the Office Treasury ... ... | Rs. 18,493 5 4 | | | |
| | | 18,493 | 5 | 4 |
| Total amount of Assets ... Rs. | | 1,53,924 | 5 | 4 |
| *Deduct—* | | | | |
| *Total Liabilities:—* | | | | |
| (a) Amount of Prize, etc., Fund ... | Rs. 1,24,530 14 2 | | | |
| (b) Amount of Deposits... ... ... | „ 16,909 6 6 | | | |
| | | 1,41,440 | 4 | 8 |
| Total amount of workable balance ... Rs. | | 12,484 | 0 | 8 |

The balance in the Pass Book of the Imperial Bank of India was verified by us and found correct, and the safety receipts for the Government Securities, etc., lodged with the Imperial Bank of India, were examined and found to be in order. The Cash Balance in the Office Treasury was counted by us and found correct.

H. S. KATRAK,
BHUKHANDAS B. DESAI,
*Municipal Auditors.*

BOMBAY, *8th October* 1923.

BOMBAY, *8th October* 1923.

From

THE MUNICIPAL AUDITORS,
BOMBAY

To

THE MUNICIPAL SECRETARY,
BOMBAY.

SIR,

We have the honour to forward herewith our report on the Municipal Accounts for the year 1922-23, with a view to the same being printed and submitted to the Corporation as usual.

We have the honour to be,
Sir,
Your most obedient servants,
H. S. KATRAK,
BHUKHANDAS B. DESAI,
*Municipal Auditors.*

## REPORT OF THE AUDITORS OF MUNICIPAL ACCOUNTS FOR THE YEAR 1922-23.

For the audit of accounts, under review, Khan Saheb H. S. Katrak and Mr. B. B. Desai were appointed to be Auditors, as per Corporation Resolution No. 10964, dated the 16th March 1922.

2. As usual, all vouchers and papers, relating to both Receipts and Disbursements for the year 1922-23, were examined with the Day Books and the Postings in the Ledger were also checked with the entries in the Day Books and Journal.

3. The weekly statements of Receipts and Charges of the Municipal Fund were examined, as they were prepared, prior to their publication in the *Bombay Government Gazette*.

4. The number of vouchers, relating to the accounts of the year, under review, compares with those of the previous year as follows :—

| | 1921-22. | 1922-23 |
|---|---|---|
| Receipt Vouchers ... ... | 40,673 | 50,124 |
| Disbursement Vouchers ... ... | 98,242 | 92,846 |
| Total ... | 1,38,915 | 1,42,970 |

+ 4,055

There was thus an increase of 4,055 in the number of vouchers for the year under report. During the year under review the classification of the accounts of Loan Works was completely modified and the revised estimates for the year 1922-23 forLoan Works were framed according to the new classification. We beg, however, to point out that the accounts of Loan Works for the year 1922-23, follow the old classification (Appendix 8 of the Chief Accountant's Report) though the estimates were framed according to the new classification. To ensure uniformity the accounts should in our opinion have been prepared according to the new classification.

5. The result of the year, compared with the Budget, and the Revised Estimates, and the actuals of the previous year, has been summarized below:—

| | 1921-22. | 1922-23. | | |
|---|---|---|---|---|
| | Actuals. | Budget. | Revised. | Actuals. |
| | Rs. | Rs. | Rs. | Rs. |
| Revenue and Receipts ... ... | 2,31,47,009 | 2,66,76,200 | 2,72,43,900 | 2,67,53,463 |
| Expenditure ... ... ... | 2,24,64,954 | 2,68,96,583 | 2,76,92,096 | 2,61,61,439 |
| Surplus + ... ... ... ... | 6,82,055 | ...... | ...... | 5,92,024 |
| Deficit — ... ... ... ... | ...... | 2,20,383 | 4,48,196 | ...... |
| Unexpended Budget grant renewed in the next year. | 17,95,107 | ...... | ...... | 21,11,307 |

6. The total receipts during the year under review were better than those of the previous year by Rs. 36,06,454, the noticeable increases being chiefly under General Tax (including Fire Tax), Cotton Duty, Water Tax, Halalcore Tax, Wheel Tax, Sale of Lands and Buildings and Market Receipts counterbalanced by a falling off under Town Duties.

7. The total expenditure during the year under review amounted to Rs. 2,61,61,439 against Rs. 2,24,64,954 in the previous year, resulting in an increase of Rs. 36,96,485. The principal items which contributed to this increase were the General Superintendence, Public Health Department, Water Works (debt charges), Education (Primary), Roads and Over-bridges, Building Regulations, Lighting Charges, Drainage and Sewerage, Markets and Slaughter Houses and Contribution to the City Improvement Trust. The

result of the year on the Revenue and Receipt side was better than the Budget by Rs. 77,263, but worse than the Revised by Rs. 4,90,437, due chiefly to a falling off in Town Duties, Receipts from General Tax, and Contribution from Government on account of Primary Education, partly counterbalanced by an increase under Cotton Duty. On the expenditure side the actuals for the year under review were better than the Budget and the revised by Rs. 7,35,144 and Rs. 15,30,657, respectively due chiefly to large amounts remaining unexpended at the end of the year.

8. The Budget anticipated a deficit of Rs. 2,20,383 which was increased to Rs. 4,48,196 in the revised, owing to an anticipated increase in expenditure. The actuals have, however, resulted in a surplus of Rs. 5,92,024. The better result as compared with the Budget was mainly due to large savings under Water Works (debt charges). Taking however into account the increase in outstanding liabilities for the year, *viz*: Rs. 3,16,200 on account of grants renewed and Rs. 1,22,248 on account of payment to the City Improvement Trust, the net savings for the year amount to Rs. 1,53,576 (*vide* Appendix 3 of the Chief Accountant's Report).

9. The outstanding charges (Unexpended Budget Grants required to be renewed) for the year 1922-23 and previous years amounted to Rs. 21,11,307 against Rs. 17,95,107 in the previous year, or an increase of Rs. 3,16,200. If the whole amount of these outstandings had been spent during the year, the result of the year would have been worse than anticipated both in the Budget and the Revised.

The outstanding charges for the last seven years, compared with the actual expenditure for those years, were as follows :—

| Year. | | Outstanding charges. | Total Expenditure. | Percentage of outstanding charges to Total Expenditure. |
|---|---|---|---|---|
| | | Rs. | Rs. | Rs. |
| 1916-17 | ... | 8,69,495 | 1,42,14,292 | 6·1 |
| 1917-18 | ... | 11,17,198 | 1,42,61,391 | 7·8 |
| 1918-19 | ... | 13,67,073 | 1,70,26,649 | 8·0 |
| 1919-20 | ... | 17,65,008 | 1,83,09,277 | 9·6 |
| 1920-21 | ... | 13,53,550 | 2,02,02,301 | 6·7 |
| 1921-22 | ... | 17,95,107 | 2,24,64,954 | 8·0 |
| 1922-23 | ... | 22,11,307 | 2,61,61,439 | 8·4 |

From the above figures it will be seen that the amounts of outstanding charges increased with the progressive rise in total expenditure. The large decrease in 1920-21 was mainly due to the careful scrutiny of the Chief Accountant to reduce the amount to a minimum figure. From the year 1921-22 there is again a rise in the figure proportionate to an increase in total expenditure. A careful scrutiny of the departmental estimates by eliminating overestimated expenditure will greatly reduce the outstanding charges.

10. The opening cash balance on the 1st April 1922 was Rs. 50,45,508-10-1. This, together with the total receipts of the year Rs. 20,94,94,304-4-6, including debt, deposits, advances, &c., amounted to Rs. 21,45,39,812-14-7. The gross payments during the year amounted to Rs. 21,33,87,444-5-3, thus leaving a balance of Rs. 11,52,368-9-4 on the 31st March 1923.

11. A list of charges, sanctioned by the Municipal Commissioner and paid during the year 1922-23 out of his Discretional Contingent Grant is appended. From the list it will appear that the actual payments during the year aggregated Rs. 4,517-13-3. There is, however, a credit of Rs. 2,018-1-11 during the year which reduced the expenditure to a net figure of Rs. 2,499-11-4. With regard to the credit it is observed that it is made of two items, one of Rs. 1,286-13-11 debited during the year (*vide* item No. 4 in the list), but adjusted on receipt of sanction to a grant for the charge, included in Statement D. The other item of Rs. 731-4-0 was debited to this head in 1919-20, (item No. 8 of the list for that year), and is readjusted by credit to this head after 3 years, after obtaining sanction to a grant through Statement D. This procedure does not seem correct and we are of opinion that when, once the Commissioner has sanctioned the payment of an amount out of his Discretional Grant the debit should be treated as final, and no re-adjustment should be made.

12. *Loans.*—During the year under review, a loan of Rs. 1,40,00,000 was intended to be taken up by the Municipality from Government. The amount actually received from Government during the year aggregated Rs. 1,65,00,000. Rs. 50 lakhs being the last instalment of the loan of Rs. 1½ crores, sanctioned during 1921-22 and Rs. 1,15,00,000 out of the loan of Rs. 1,40,00,000 intended to be taken up during the year, the remaining 25 lakhs having been received during the year 1923-24. The loan of Rs. 1,40,00,000 was taken up at 6 per cent. interest (Tax Free) for a period of 30 years. This loan, though advanced in full by

Government has not yet been formally sanctioned by the Government of India. A further short dated loan of Rs. 5 lakhs (12 months' Bill Loan for levelling and metalling private streets) at 5½ per cent. discount, free of income tax, was taken up from the Imperial Bank of India with the approval of the Government of India, thus raising the total amount of loans received during the year to Rs. 1,70,00,000.

13. *Sinking Funds.*—In accordance with the instructions, contained in the Corporation Resolution No. 5294, dated the 19th November 1888, all investments made, during the year under report, on account of Sinking Funds, pertaining to all the several loans, due by the Municipality, were examined and found to agree with the amounts, provided in the Budget for the year. The total accumulated balances on account of all Sinking Funds amounted to Rs. 2,68,25,304-11-5 on the 31st March 1923 (Rs. 2,68,24,201-9-0 in Securities of the nominal value of Rs. 2,64,52,000 and £ 25,000 = Rs. 3,75,000, as shown below, and Rs. 1,103-2-5 in cash).

| | Nominal Value. | | | Actual Value. | | |
|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. |
| 5 per cent. Municipal Debentures ... | 50,30,500 | 0 | 0 | 50,30,500 | 0 | 0 |
| 4 per cent. do. do. ... | 1,06,95,000 | 0 | 0 | 1,06,95,000 | 0 | 0 |
| 4 per cent. Bombay Port Trust Bonds... | 6,03,000 | 0 | 0 | 6,03,000 | 0 | 0 |
| 4 per cent. Bombay City Improvement Trust Bonds ... ... ... | 31,00,000 | 0 | 0 | 30,97,201 | 9 | 0 |
| 4 per cent. Bombay City Improvement Trust Sterling Bonds £ 25,000... | 3,75,000 | 0 | 0 | 3,75,000 | 0 | 0 |
| 4 per cent. Government Conversion Loan of 1916-17 ... ... .. | 24,00,000 | 0 | 0 | 24,00,000 | 0 | 0 |
| 4 per cent. Government Terminable Loans 1915-16 ... ... ... | 52,900 | 0 | 0 | 52,900 | 0 | 0 |
| 6½ per cent. Bombay Development Loan ... ... ... ... | 12,29,000 | 0 | 0 | 12,29,000 | 0 | 0 |
| 5 per cent. War Bonds of 1929-47 ... | 24,400 | 0 | 0 | 24,400 | 0 | 0 |
| 5½ per cent. Government Paper-War Bonds 1923 ... ... ... | 4,68,100 | 0 | 0 | 4,68,100 | 0 | 0 |
| 5½ per cent. Government Paper-War Bonds 1925 ... ... ... | 7,50,000 | 0 | 0 | 7,50,000 | 0 | 0 |
| 6 per cent. 5 years' Bonds 1926 ... | 17,09,100 | 0 | 0 | 17,09,100 | 0 | 0 |
| 6 per cent. 5 years' Bonds 1927 ... | 3,90,000 | 0 | 0 | 3,90,000 | 0 | 0 |
| Total Rs. ... | 2,68,27,000 | 0 | 0 | 2,68,24,201 | 9 | 0 |
| Amount in Current Account with the Imperial Bank of India ... ... | ...... | | | 1,103 | 2 | 5 |
| Grand Total ... | 2,68,27,000 | 0 | 0 | 2,68,25,304 | 11 | 5 |

14. The safety receipts, given by the Imperial Bank of India for the above Securities in its custody, were examined and found to be in order, and the cash balances on account of the said Sinking Funds, as shown in the Bank's Pass Books, were also verified and found correct.

15. *Advances.*—The balances outstanding on the 31st March 1923 under the head "Advances—Personal Account of Municipal Officers", was Rs. 80,196-13-4 against Rs. 2,37,454-6-8 on the same date last year. The former sum includes Rs. 19,502-9-6 on account of permanent advances to Municipal Officers and the remaining sum of Rs. 60,694-3-10 stands debited to "Advances", pending adjustment in the accounts. The major portion of this latter sum, not being covered by proper Budget grants, is debited to this head, pending their adjustment during the following year. This procedure is irregular and not in strict accordance with the provisions of the Municipal Act. The increase under permanent advances to Municipal officers as compared with that of the previous year is due to an increase in the amount of advance made to the Special Engineer, Tansa—Triplication work.

16. The balances on the 31st March 1923, under the heads, noted below, compare with those on the same date of the preceding year as under:—

| | 1921-22. | | | 1922-23. | | |
|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. |
| Departmental works ... ... | 2,85,943 | 10 | 5 | 1,17,339 | 13 | 1 |
| Private works ... ... ... | 3,42,212 | 13 | 8 | 2,34,465 | 3 | 7 |
| Workshops ... ... ... | 2,72,344 | 11 | 8 | 2,03,686 | 15 | 1 |
| Total ... | 9,00,501 | 3 | 9 | 5,55,491 | 15 | 9 |

17. The balance on the 31st March 1923, under the head, "Personal Account of Municipal Contractors", for supplies and services, rendered to them and for recoveries due from the defaulting contractors, was Rs. 37,951-0-4 against Rs. 2,360-12-0 at the close of the year 1921-22. The large increase, as compared with the outstanding amount of the previous year is due to a sum of Rs. 35,315-6-5 outstanding against Messrs. Braithwaite & Co. for coal supplied by the Bombay Municipality.

18. The balance under "Miscellaneous Advances" on the 31st March 1923 was Rs. 11,10,716-15-2, as shown below, against Rs. 6,74,643-5-1 on the same date last year :—

| | | Rs. | a. | p. |
|---|---|---|---|---|
| (1) | Miscellaneous Advances ... ... ... ... | 3,77,376 | 9 | 1 |
| (2) | Printing and Stamping Building and Repair Certificate Forms ... ... ... ... | 190 | 8 | 8 |
| (3) | Purchase of, Coal ... ... ... ... ... | 48,525 | 12 | 0 |
| (4) | London Stores ... ... ... ... ... | 7,00,307 | 8 | 3 |
| (5) | War-Measures—Rent Relief ... ... ... | 283 | 15 | 9 |
| (6) | Extraordinary Allowances ... ... ... ... | 5,884 | 13 | 9 |
| (7) | Chief Auditor and Accountant, B. B. & C. I. Ry. | ... | | |
| (8) | Do. do. G. I. P. Ry. ... | 212 | 14 | 0 |
| (9) | Loan Works Establishment ... ... ... | *Cr.* 17,869 | 15 | 8 |
| (10) | Purchase of Petrol... ... ... ... ... | *Cr.* 4,195 | 2 | 8 |
| | Total ... | 11,10,716 | 15 | 2 |

Compared with the outstanding balance on 31st March 1922 there is an increase of Rs. 4,36,073-10-1, chiefly under London Stores and Miscellaneous advances. Under item No. 6-Extraordinary allowances, there is an outstanding balance of Rs. 5,884-13-9. This head was opened under "Advances" without any authority in order to record the charges which were not covered by a Budget grant. Under "Advances" also no allotment was sanctioned for these charges and the procedure followed was irregular. This amount has been outstanding on the Books of the Chief Accountant's office since last year but no steps appear to have been taken to clear the outstanding. The credit of Rs. 17,869-15-8 under item No. 9 is traceable as far back as the year 1895-96 and was carried forward from year to year, as the account office was unable to explian the circumstances under which this item has remained unadjusted so long. The matter was reported to the Corporation for their orders under para. 4 of our letter of the 13th April 1923, but as our letter was recorded under Corporation Resolution No. 2505, dated 21st June 1923, without passing any orders thereon, we were obliged to refer back the matter to the Corporation in our letter of the 24th July 1923 for final order of the Corporation.

19. *Plague Charges.*—During the year under review, expenditure incurred on account of Plague amounted to Rs. 1,20,869 against Rs. 1,16,888 in the previous year. The total expenditure from the commencement of the Plague, *i.e.*, from the year 1896-97 to 31st March 1923 amounted to Rs. 89,66,815.

## INVESTED BALANCES.

20. *Surplus Revenue Funds.*—The Surplus Fund investments on the 31st March 1923, were Rs. 63,08,695-0-1 against Rs. 30,33,260-1-8 on the same date last year as per following details:—

| | | Rs. | a. | p. |
|---|---|---|---|---|
| (*a*) | In Government, etc., Paper with the Imperial Bank of India (face value Rs 27,63,700) ... ... | 24,38,021 | 12 | 0 |
| (*b*) | In *Current Account* with the following Banks:— | | | |
| | The Imperial Bank of India ... ... .. ... | 100 | 0 | 0 |
| | The Hongkong and Shanghai Banking Corporation ... | 807 | 10 | 4 |
| | The Comptoir National D'Escompte de Paris ... ... | 766 | 4 | 3 |
| | The Chartered Bank of India, Australia and China ... | 290 | 3 | 7 |
| | The National Bank of India, Limited ... ... ... | 154 | 6 | 0 |
| | The Yokohama Specie Bank, Limited ... ... ... | 778 | 7 | 7 |
| | The Mercantile Bank of India, Limited ... ... ... | 892 | 2 | 4 |
| | The Bank of India, Limited ... ... ... ... | 392 | 9 | 11 |
| | The Eastern Bank, Limited ... ... ... ... | 831 | 8 | 10 |
| | The Tata Industrial Bank, Limited ... ... ... | 936 | 3 | 8 |
| | The Central Bank of India, Limited ... ... ... | 1,969 | 12 | 6 |
| | Total Rs. ... | 7,919 | 5 | 0 |
| | Carried forward ... | 24,45,941 | 1 | 0 |

| | Rs. | a. | p. |
|---|---|---|---|
| Brought over ... | 24,45,941 | 1 | 0 |
| (c) In *Fixed Deposits* with the following Banks :— | | | |
| The Central Bank of India, Limited ... ... ... | 2,28,754 | 1 | 1 |
| (d) *Deposits at call* :— | | | |
| P. & O. Banking Corporation ... ... ... | 15,00,000 | 0 | 0 |
| The Tata Industrial Bank, Limited ... ... ... | 13,00,000 | 0 | 0 |
| Central Bank of India, Limited ... ... ... ... | 7,00,000 | 0 | 0 |
| Eastern Bank, Limited ... ... ... ... ... | 1,34,000 | 0 | 0 |
| Total Rs. ... | 36,34,000 | 0 | 0 |
| Grand Total Rs. ... | 63,08,695 | 2 | 1 |

21. *Surplus Loan Funds.*—The balance of the invested amount of the several Loan Funds on the 31st March 1923 was Rs. 55,97,882-6-1, as per the following details against Rs. 87,89,473-3-8 on the same date last year :—

| | Rs. | a. | p. |
|---|---|---|---|
| (a) In Government Securities with the Imperial Bank of India (face value Rs. 30,12,500) ... ... ... | 30,12,500 | 0 | 0 |
| (b) In *Current Account* with the following Banks :— | | | |
| The Hongkong and Shanghai Banking Corporation ... | 112 | 14 | 0 |
| The Chartered Bank of India, Australia and China ... | 118 | 4 | 10 |
| The Yokohama Specie Bank, Limited ... .. ... | 314 | 2 | 11 |
| The Mercantile Bank of India, Limited ... ... ... | 1,137 | 0 | 8 |
| The National Bank of India, Limited ... ... | 10 | 15 | 4 |
| The Bank of India, Limited ... ... ... ... | 2,306 | 9 | 1 |
| The Eastern Bank, Limited ... ... ... ... | 2,672 | 12 | 2 |
| The Central Bank of India, Limited ... ... ... | 1,116 | 2 | 3 |
| The Tata Industrial Bank, Limited ... ... ... | 4,077 | 6 | 5 |
| The Imperial Bank of India ... ... ... ... | 100 | 0 | 0 |
| The Comptoir National D'Escompte de Paris .. .. | 271 | 9 | 9 |
| International Banking Corporation ... ... ... | 1,327 | 12 | 0 |
| Total Rs. ... | 13,565 | 9 | 5 |
| (c) Investments-Sterling Exchange Account ... ... ... | 1,78,570 | 13 | 9 |
| (d) In *Fixed Deposits* with the following Banks :— | | | |
| The Tata Industrial Bank, Limited ... ... ... | 10,00,000 | 0 | 0 |
| The Central Bank of India, Limited ... .. ... | 9,27,245 | 14 | 11 |
| Total Rs. ... | 19,27,245 | 14 | 11 |
| (e) *Deposits at call* with the Eastern Bank of India, Limited ... ... ... ... ... — | 4,66,000 | 0 | 0 |
| Grand Total Rs. ... | 55,97,882 | 6 | 1 |

22. *Mahim Development Fund.*—The total expenditure during the past 3 years on account of this Fund amounted to Rs. 41,16,305-0-3. The Cash Balance with the Imperial Bank of India on its account is Rs. 23-0-11 only. The total receipts on account of this Fund against which an expenditure of Rs. 41,16,305-0-3 has been booked are as follows :—

| | | | Rs. | a. | p. |
|---|---|---|---|---|---|
| Contribution from Government-Receipts | during | 1920—21 ... | 16,00,000 | 0 | 0 |
| Do. | do. | 1921—22 ... | 12,00,000 | 0 | 0 |
| Do. | do. | 1922—23 ... | 3,00,000 | 0 | 0 |
| | | | 31,00,000 | 0 | 0 |
| | | Carried forward ... | 31,00,000 | 0 | 0 |

| | Rs. | a. | p. | Rs. | a. | p. |
|---|---|---|---|---|---|---|
| Brought over ... | | | | 31,00,000 | 0 | 0 |
| Sale of Land and other Receipts up to 31st March 1922 ... | | | | 2,73,942 | 0 | 0 |
| Do. during 1922-23 ... | | | | 1,58,758 | 9 | 6 |
| Interest realizations up to 31st March 1923 ... ... ... ... ... | 1,44,818 | 10 | 7 | | | |
| *Less*—Interest paid to Government ... | 1,33,945 | 4 | 0 | | | |
| | | | | 10,873 | 6 | 7 |
| Total Receipts ... | | | | 35,43,574 | 0 | 1 |
| Total Expenditure including Balance in Bank .. | | | | 41,16,328 | 1 | 2 |
| Excess of Expenditure over Recipts ... | | | | 5,72,754 | 1 | 1 |

This excess of Rs. 5,72,754–1–1 is for the present met from the available Loan Funds, pending the raising of a Specific Development Loan. No formal approval of the Corporation has been taken to the diversion of Loan Funds to objects other than those for which the Loan Funds were raised. In connection with the advances, received from Government from time to time, aggregating 31 lacs for this scheme we beg to observe that these advances bear interest and are repayable to Government on the completion of the scheme, and as such they form part of Municipal debt and should, in our opinion, be included in Appendix 9 of the Chief Accountant's Report and also in the Statement of Loans, submitted with the Budget Estimate.

23. *Reserve Funds.*—The balances of the several Reserve Funds, detailed below, amounted to Rs. 37,15,669-13-9 on the 31st March 1923 (Rs. 33,68,984-0-0 in securities of the nominal value of Rs. 45,43,700-0-0, as shown below, and Rs. 3,46,685-13-9 in cash).

| | Nominal value. | Actual value. | Cash with the Imperial Bank of India in current account. | | |
|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | a. | p. |
| (1) Municipal Fire and Accident Insurance Fund ... ... ... | 4,14,400 | 2,57,556 | 44 | 1 | 10 |
| *Less*—Balance due to General Fund ... | ...... | ...... | —3,140 | 4 | 4 |
| (2) Worn-out Water Mains Renewal Fund. | 7,96,000 | 4,81,296 | 19 | 4 | 2 |
| (3) Net Premia Fund ... ... ... | 13,08,600 | 7,85,160 | 394 | 6 | 8 |
| *Add*—Balance due by General Fund ... | ...... | ...... | 250 | 0 | 0 |
| (4) Municipal Land and Building Fund ... | 20,24,700 | 18,44,972 | 193 | 8 | 7 |
| Current Account Deposits with different Banks ... ... ... | ...... | ...... | 4,924 | 12 | 10 |
| Fixed Deposit at call with the Tata Industrial Bank, Ltd. ... ... | ...... | ...... | 3,00,000 | 0 | 0 |
| Fixed Deposit with the Central Bank of India ... ... ... ... | ...... | ...... | 41,000 | 0 | 0 |
| Total Rs. ... | 45,43,700 | 33,68,984 | 3,46,685 | 13 | 9 |
| | | 37,15,669 | 13 | 9 | |

24. The safety receipts given by the Imperial Bank of India for the above securities, in its custody, were examined and found to be in order, and the fixed deposit receipts of the several Banks were also examined and found correct. The cash balances in Current Accounts with the several Banks have been compared with the Pass Books and found correct.

25. The safety receipts for Government and other securities, aggregating Rs. 25,92,900, received from the Municipal employees and contractors and those belonging to the several memorial funds and lodged with the Imperial Bank of India, were examined and found to be in order. The securities other than Government Paper, furnished by the Municipal employees, were also examined with the registers, maintained in the office of the Chief Accountant.

26. For the scrutiny of the outstanding Bills of Rates and Taxes for the year 1922-23, a reference is requested to the Auditor's letter, dated the 23rd June 1923, and to the appendices attached to the letter, from which it will be seen that the number of outstanding Bills on the 31st March 1923 was 30,694 of the total value of Rs. 16,06,405-1-5 against 5,800 of the total value of Rs. 6,61,374-14-10 on 31st March 1922. The unusually large increase in the number of Bills. and the outstanding amount was due mainly to large outstandings on account of the additional tax, ordered to be recovered by the Chief Presidency Magistrate for payment of compensation to the 222 claimants for loss, damages, death or grievous hurt during the riots of 17th November 1921 and subsequent dates.

27. The balance of stock in hand on 31st March 1923, as per books of the Chief Accountant, compared with that of the previous year, was as follows:—

| Department. | 1921-22. | | | 1922-23. | | |
|---|---|---|---|---|---|---|
| | Rs. | a. | p. | Rs. | a. | p. |
| Executive Engineer's Department for Kerosine Oil .. | 355 | 1 | 0 | 461 | 11 | 6 |
| Do. do. do. for Bituminous Construction of Roads ... | 1,19,304 | 2 | 0 | ......... | | |
| Stores in-charge of Mechanical Engineer ... ... .. | 15,495 | 0 | 0 | 18,668 | 11 | 0 |
| Do. do. Drainage Engineer ... .. ... | 6,876 | 12 | 2 | 3,481 | 8 | 0 |
| Total Rs. ... | 1,42,030 | 15 | 2 | 22,611 | 14 | 6 |
| *General Stores Department.* | | | | | | |
| General Stores ... ... ... ... ... ... | 11,76,349 | 6 | 9 | 13,83,670 | 5 | 2 |
| Surplus and Obsolete Stores ... ... ... ... | 1,992 | 4 | 5 | 1,988 | 8 | 5 |
| Capital Stores ... ... ... ... ... ... | ......... | | | 15,925 | 0 | 8 |
| Line Suspense Account ... ... ... ... ... | 95,625 | 0 | 5 | 1,04,412 | 15 | 7 |
| Total Rs. ... | 12,73,966 | 11 | 7 | 15,05,996 | 13 | 10 |
| Stores (Sales) ... ... ... ... ... ... | 24,394 | 12 | 6 | 78,519 | 1 | 1 |
| Water Works Imprest ... ... ... ... ... | 7,802 | 10 | 5 | 6,423 | 10 | 7 |
| Stock Adjustment Account ... ... ... ... | —11,116 | 13 | 8 | —12,423 | 14 | 5 |
| Total Rs. ... | 21,080 | 9 | 3 | 72,518 | 13 | 3 |
| Grand Total Rs. ... | 14,37,078 | 4 | 0 | 16,01,127 | 9 | 7 |

28. In accordance with the instructions contained in para. XXIX of the Stores and Stores Audit Manual, a Balance Sheet of the General Stores Department has been prepared in the form, prescribed in Appendix "O" of the Manual, wherein two sets of figures have been given, one set from the books of the Chief Accountant and the other from the Balance Sheet of the Storekeeper. The difference in the balance, as shown in the two sets of figures, has been explained by a footnote in the statement annexed hereto.

H. S. KATRAK,

BHUKHANDAS B. DESAI,

*Municipal Auditors.*

BOMBAY, *8th October* 1923

## *Statement of Stores Transactions for the year ending 31st March* 1923.

### (Appendix O of the Stores and Stores Audit Manual.)

| General Stores Department. | Figures as per books of the Chief Accountant. | | | | | Figures as per Balance Sheet of the Storekeeper. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Balance on 31st March 1922. | Receipts during 1922-23. | Total. | Issues during 1922-23. | Balance on 31st March 1923. | Balance on 31st March 1922. | Receipts during 1922-23. | Total. | Issues during 1922-23. | Balance on 31st March 1923. |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p | Rs. a. p. | Rs. a. p. |
| General Stores ... | 11,76,349 6 9 | 20,36,773 3 2 | 32,13,121 9 11 | 18,29,451 4 9 | 13,83,670 5 2 | 9,65,826 2 11 | 22,16,356 1 8 | 31,82,182 4 7 | 19,29,060 11 8 | 12,53,121 8 11 |
| Surplus and Obsolete Stores ... ... | 1,992 4 5 | ...... | 1,992 4 5 | 3 12 0 | 1,988 8 5 | 1,992 4 5 | ...... | 1,992 4 5 | 3 12 0 | 1,988 8 5 |
| Line Suspense Account ... ... | 95,625 0 5 | 9,887 8 0 | 1,05,512 8 5 | 1,099 8 10 | 1,04,412 15 7 | 95,625 0 5 | 10,095 8 0 | 1,05,720 8 5 | 2,433 7 10 | 1,03,287 0 7 |
| Capital Stores ... | ...... | 15,925 0 8 | 15,925 0 8 | ...... | 15,925 0 8 | ...... | 15,926 0 8 | 15,925 0 8 | ...... | 15,925 0 8 |
| Total Rs. ... | 12,73,966 11 7 | 20,62,584 11 10 | 33,86,551 7 5 | 18,30,554 9 7 | 15,05,996 13 10 | 10,63,443 7 9 | 22,42,376 10 4 | 33,05,820 2 1 | 19,31,497 15 6 | 13,74 322 2 7 |
| | | | | | | | | | Difference ... | *1,31,674 11 3 |
| | | | | | | | | | | 15,05,996 13 10 |

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* The difference is due to non-adjustment in the books of the Chief Accountant, of the value of stores issued to different departments, which will be adjusted in the next year's account.

H. S KATRAK,
BHUKHANDAS B. DESAI,
*Municipal Auditors.*

BOMBAY, *8th October* 1923.

List of charges sanctioned during the year 1922-23 by the Municipal Commissioner and paid out of his Discretional Contingent Grant :—

| Serial No. | Sanctioning Authority. | Particulars. | Amount. | | | Remarks. |
|---|---|---|---|---|---|---|
| | | | Rs | a. | p. | |
| 1 | Municipal Commissioner's No. T. R. 551 C., dated 22nd March 1922. | Payment made to the City Improvement Trust being moiety of charges to be borne by the Municipality for damage done to the property of of Mr. Karmali Ebrahim on plot No. 104, Sandhurst Road, by quarrying operations at Nawroji Hill. | 48 | 0 | 0 | |
| 2 | Municipal Commissioner's No. H. 14, dated 24th April 1922. | Payment of fees of 15 Municipal employees of the Health Departments at the rate of Rs. 50 for each who appeared for the sanitary surveyor's examination held by Government. | 750 | 0 | 0 | |
| 3 | Municipal Commissioner's No. A. E. 86, dated 16th May 1922. | Payment of a bill of Messrs. Anna Balwant & Co. for Oil painting the Esplanade Bandstand during H. R. H. The Prince of Wales' visit in November 1921, pending receipt of Corporation's sanction to statement " D " of additional grants in which the amount of the bill was included. | 363 | 15 | 10 | |
| 4 | ...... | Payment of a bill of Mr. Jiwanji Kasamji for renewing the wooden chowky at Erskine Road Market, pending receipt of Corporation's sanction to statement " D " of additional grants in which the amount of the Bill was included. | 1,286 | 13 | 11* | |
| 5 | Municipal Commissioner's No. L. 163 D., dated 28th August 1922. | Payment of a bill of the Times Press for setting in type and submitting proof of the rules of the proposed Co-operative Credit Society of Municipal employees. | 20 | 0 | 0 | |
| 6 | Municipal Commissioner's No. H. 6 B., dated 25th August 1922. | Payment made to Nurse Rachelbai of the Health Department being the conveyance allowance of Rs. 2 per diem for vaccinating female pilgrims during the Haj Season. | 12 | 0 | 0 | |
| 7 | Municipal Commissioner's No. E. R. 1641, dated 14th July 1922. | Cost of Petrol issued to E. R. for his motor car as he had to cover a distance of 40 miles to attend to the lighting of lamps in the northern part of the City. | 34 | 14 | 0 | |
| 8 | Municipal Commissioner's No. E. G. 991, dated 24th October 1922. | Payment of arrears of rent of land at Bazar Gate Street in the use of the Drainage Department from 11th June 1909 to 10th June 1922 claimed by the Collector of Bombay. | 13 | 0 | 0 | |
| 9 | Municipal Commissioner's No. E. R. 164, dated 14th July 1922. | Payment of an extra allowance of Re. 1 per night to the cleaner of E. R.'s motor car as he had to accompany E. R. in his travels to the northern part of the City for attending to the lighting of lamps. | 8 | 0 | 0 | |
| 10 | Municipal Commissioner's No. E. G. 235 A., dated 27th September 1921. | Cost of fixing notice Boards for cautioning people against the danger of drowning accidents at Mahim fore-shore. | 79 | 14 | 0 | |
| 11 | Municipal Commissioner's No. 330 S., dated 15th January 1921. | Cost of putting up a cadjan shed for keeping cement bags at the central stores. | 102 | 3 | 6 | |
| 12 | Municipal Commissioner's No. D.S.4 D., dated 30th October 1922. | Travelling allowance paid to Mr. Z. R. Kothawala, Dairy Superintendent, for proceeding to Kasauli on deputation for study. | 601 | 0 | 0 | |
| 13 | Municipal Commissioner's No. S. E. 1781, dated 16th December 1922. | Cost of making additions and alterations to the Skating Rink shed for the accomodation of Motor Cars of Municipal Officers. | 490 | 12 | 0 | |
| 14 | Municipal Commissioner's No. H. 762, dated 10th January 1923. | Paid to Mr. K. Bulchand for two demonstrations of Kinema Health films. | 200 | 0 | 0 | |
| 15 | Municipal Commissioner's No. F. 1119 D., dated 6th January 1923. | Rewards given to Station Officer Mr. Fox, and Firemen Chandroo Daji and Husen Mahomed in recognition of their gallant conduct in attempting to rescue three men who had fallen in a well. | 100 | 0 | 0 | |
| 16 | Municipal Comimissoner's No. H. 26B., dated 19th February 1923. | Detention allowance at the rate of Rs. 10 per diem paid to Mrs. W. Start Macpharlaine, a candidate called for interview in connection with the appointment of a matron and a nurse at the Arthur Road Hospital. | 80 | 0 | 0 | |
| | | Carried forward ... | 4,190 | 9 | 3 | |

---

* Credited when the Statement was sanctioned and the grant was available.

| Serial No. | Sanctioning Authority. | Particulars. | Amount. | Remarks. |
|---|---|---|---|---|
| | | | Rs. a. p. | |
| | | Brought over ... | 4,190 9 3 | |
| 17 | Municipal Commissioner's No. H. 26B, dated 19th February 1923. | Detention allowance paid to Miss D. E. M. James, a candidate called for interview in connection with the appointment of a nurse at Arthur Road Hospital. | 10 0 0 | |
| 18 | Municipal Commissioner's No. E.G. 262, dated 23rd May 1922. | Cost of making and fixing new wheels to the gun carriages in the Bhatia Bag. | 153 8 0 | |
| 19 | Municipal Commissioner's No. E. G. 1781, dated 14th March 1923. | Cost of putting up two partitions between compartments in the Skating Rink used as temporary office for the electoral staff. | 59 4 0 | |
| 20 | Municipal Commissioner's No. E. G. 41A, dated 1st November 1922. | Cost of providing life buoys on the Mahim foreshore to prevent drowning fatalities. | 104 8 0 | |
| | | Total Rs. .. | 4,517 13 3 | |
| | | *Cr.* | 2,018 1 11* | |
| | | | 2,499 11 4 | |

---

* *Cr.* Rs. 731-4-0 Cost of work of constructing culverts at Dadar and Matunga debited to Discretional Contingency in the first instance in the year 1919-20.

Rs. 1,286-13-11 *Vide* entry No. 4, adjusted during the year.

Rs. 2,018-1-11

H. S. KATRAK,

BHUKHANDAS B. DESAI,

*Municipal Auditors.*

BOMBAY, *8th October* 1923.

# PART II.

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# SUMMARY OF STATISTICS

## for the year 1922.

| | |
|---|---|
| Population by the Census of 1921 ... ... ... | 1,175,914 |
| Area of Bombay City and Island ... ... ... | 23·54 Sq. Miles. |
| Average density per acre ... ... ... ... ... | 78 |
| Estimated Population in the Middle of the Year 1922 ... ... ... ... ... ... ... ... | 1,200,473 |
| Number of live births registered ... ... ... | 20,452 |
| Birth-rate per 1,000 living ... .. ... ... ... | 17·03 |
| Number of deaths ... ... ... ... ... ... | 37,297 |
| Death-rate per 1,000 living ... ... ... ... | 31·06 |
| Number of deaths among infants (under 1 year) ... ... ... ... ... ... ... | 8,236 |
| Infant deaths per 1,000 births ... ... ... | 402·7 |
| Plague—number of deaths from ... ... ... | 632 |
| „ Death-rate ... ... ... ... ... ... | 0·52 |
| Small-pox—number of deaths from ... ... ... | 61 |
| „ Death-rate ... ... ... ... ... ... | 0·05 |
| Cholera—number of deaths from ... ... ... | 15 |
| „ Death-rate ... ... ... ... ... ... | 0·01 |
| Influenza—number of deaths from ... ... ... | 528 |
| „ Death-rate ... ... ... ... ... .. | 0·43 |
| Tuberculosis—number of deaths from ... ... | 1,473 |
| „ Death-rate ... ... ... ... ... | 1·22 |

# VITAL STATISTICS.

# PUBLIC HEALTH.

---

## Annual Report of the EXECUTIVE HEALTH OFFICER for 1922.

I have the honour to present my Annual Report on the sanitary state of the City of Bombay during the year 1922 and the action taken for the prevention of disease.

**Review of the year.**—The salient features of the vital statistics of 1922 are as follows :—The death-rate in the year was 31·06 per 1,000 of persons living, being the lowest on record since 1895 with the exception of the rate for 1915. The total deaths for the year numbered 37,297, being 16,312 less than in 1921, 14,670 less than the average of the last five years (1917-1921) and 4,373 less than the average of the preceding decennium (1912-1921).

Cholera caused 15 deaths as against 70 in 1921. The number is the lowest on record since 1848, the next lowest 16 being that for the year 1915.

Small-pox deaths during the year numbered 61 as against 406 in the antecedent year ; the lowest annual numbers of deaths from Small-pox since 1848 being 31 in 1881, 55 in 1885, 19 in 1886, 57 in 1897 and 55 in 1898.

The number of deaths from Plague during the year was 632 as against 811 in 1921, 929 the average of 1917-1921 and 1,450 that of 1912-1921 ; and the death-rate from Plague per 1,000 persons living was 0·52 for the year under review. Since the first appearance of the disease in 1896 in the City, lower annual numbers of Plague deaths were recorded only in 1915 (599) and 1920 (282) and a lower death-rate, 0·28 in 1920 alone.

The number of deaths (528) due to Influenza was 861 less than in 1921 (1,389) and 1,253 less than the average of the last five years (1917-1921), namely, 1,781.

From diseases of the Respiratory System to which deaths from Influenza are frequently attributed, 13,614 deaths were registered, against 21,982 in the preceding year and 19,898 the average of the last quinquennium.

Tuberculosis caused 1,473 deaths. It was the lowest number of deaths from Tuberculosis in any year since 1871, the population by the first Census of the City in 1872 being only 644,405.

The number of deaths from Malaria during the year was 485, being 60 less than in 1921 but 169 more than the average for 1917-1921 and 199 more than the average for the preceding decennium (1912-1921).

The number of live births registered in the year under report was 20,452 or 1,327 more than that in the last year but 142 and 52 less than the averages of the preceding five and ten years respectively.

During the year the number of deaths among infants under one year of age was 8,236 and the rate of infant deaths per 1,000 of births registered was 403 as against 12,751 deaths and the rate of 667 in 1921. The number of infant deaths and the rate of infant mortality per 1,000 of births registered were lower in the year under review than those for any year since 1916.

Compared with the decennial averages (1912-1921), the total number of deaths shows a decrease of 4,373, the principal decreases in the mortality being 1,251 under Cholera, 818 under Plague, 679 under diseases of the Respiratory System, 658 under Tuberculosis, 499 under Small-pox, 364 under Influenza and 248 under Measles. On the other hand, increases were registered under Malaria (199) and Diarrhœa, Enteritis and Dysentery (152). The number of live births registered in 1922 was 52 less and the number of infant deaths 1,605 less than the mean of the decennium (Table No. 21 appended).

**Area and Population.**—The area of the City is 23·54 square miles and the population at the Census of 1921 numbered 1,175,914 as against 979,445 in 1911, showing an increase of 196,469 in 1911-1921.

On the assumption that the 1921 population will again increase by 196,469 in the next decennium (1921-1931), the estimated population in the middle of the year 1922 works out at 1,200,473 assuming equal annual increases by arithmetical progression and on this estimated population the calculation of birth-rates and death-rates has been based in this Report, *vide* Government Resolution No. 2547 of the 4th July 1922 in the General Department, which for the first time in the history of the City records has authorised the use of estimated populations.

The method adopted assumes that in each year the increase will be 19,646·9 or $\frac{1}{10}$th of the increase which took place in the decennium 1911-1921. Since the estimate is for the middle of the year and the Census was taken on 18th March, ¼th of the annual increase has been added to the Census population, to obtain the estimated population in the middle of the year 1921, which thus serves as the starting point for the annual additions of 19,646·9 as shown in the following tabular statement :—

| | | |
|---|---|---|
| Census Population of March 1921 | .. .. .. .. | 1,175,914 |
| Estimated Population in the Middle of the Year | 1921 .. .. | 1,180,826 |
| „ „ „ „ „ | 1922 .. .. | 1,200,473 |
| „ „ „ „ „ | 1923 .. .. | 1,220,120 |
| „ „ „ „ „ | 1924 .. .. | 1,239,767 |
| „ „ „ „ „ | 1925 .. .. | 1,259,414 |
| „ „ „ „ „ | 1926 .. .. | 1,279,061 |
| „ „ „ „ „ | 1927 .. .. | 1,296,708 |
| „ „ „ „ „ | 1928 .. .. | 1,318,355 |
| „ „ „ „ „ | 1929 .. .. | 1,338,002 |
| „ „ „ „ „ | 1930 .. .. | 1,357,649 |
| „ „ „ „ March | 1931 .. .. | 1,372,383 |

The estimated population in March 1931 is arrived at by adding ¾th of the annual increase to the estimated population in the middle of 1930.

**Population by Sections.**—The method explained above in regard to the total for the whole city has been applied to the Sections into which Bombay City is divided with the following modifications.

The Census Returns showed the following decreases in four Sections and one miscellaneous group :—

| | |
|---|---|
| Esplanade .. .. .. .. .. .. .. | 2,190 |
| Chukla .. .. .. .. .. .. .. | 1,235 |
| Dongri .. .. .. .. .. .. .. | 6,497 |
| Bhuleshwar .. .. .. .. .. .. .. | 1,837 |
| Harbour, Docks, Railways and Unknown .. .. .. | 6,847 |
| Total .. | 18,606 |

The total decline of 18,606 in these localities was chiefly due to the displacement of the population by the demolition of houses and to other causes which will not continue to operate. This decrease will not continue and with the erection of houses in place of those demolished will almost certainly be converted into an increase in some of the Sections involved.

It is further to be noted that the Census population of Upper Colaba rose from 1,557 in 1911 to 3,747 in 1921. This excessive rise of more than 140 per cent. was due to the difference in the modes of enumerating both civil and military populations of the Section in the two Census operations and not to any actual increase in their numbers.

In these circumstances the net decline namely 16,416, obtained by subtracting the rise in Colaba of 2,190 from the gross decline of 18,606, in the five Sections in which the population has diminished has been spread over the whole of the 32 Sections in proportion to their respective populations.

The method adopted has been to multiply the 1921 Census population of each Section, by the net decline 16,416 and to divide the result by the Census population in 1921, namely, 1,175,914.

The process in its actual application has been carried out by multiplying the Section Populations by the factor 0·0139602 which represents the ratio of the decline to the Census Population.

Save for the effect of the application of this factor, the populations of Upper Colaba and the other five Sections under discussion have been assumed to be stationary, and those of the other Sections to be increasing by arithmetical progression at the rate which prevailed in each in the period 1911-1921.

The rate of progression for each Section in 1911-1921 has been arrived at by subtracting the 1911 Census Population of each Section from the 1921 Census Population as modified by the application of the factor of correction referred to above.

**Population by Sexes.**—The estimates of male and female populations have been based on the assumption that the proportion of males to females, which obtained in the Census population for each Section, has held good in the estimated population for each Section in the year under review.

Reference has already been made to the fact that the diminutions in the total population of certain Sections, which occurred in 1911-1921, and which were due to causes now no longer operating, have in the estimates been assumed to have ceased, with the result that the estimated Section populations no longer bear to one another precisely the same proportion which they bore in the Census of 1921.

From this it follows that the sums of the sex populations for each Section, estimated as described above, do not bear to one another precisely the same proportion as the total male population for the City bore to the total female population in the Census year.

This discrepancy will, however, not amount in the ten years to a deficiency of more than 0·45 per cent. in the male population or to an addition by transfer of more than 0·87 per cent. to the female population as compared with what the total male and total female populations of the City would have been in 1931 had their relations remained unaltered.

The effect on the death-rate in the two sexes, of the discrepancy at the end of ten years will still be negligible. Thus a death-rate of 30 per 1,000 under the old proportion of sexes will under the new estimate only be increased to 30·14 among males and reduced to 29·74 among females. The rates instead of being the same will show a difference in the example given of 0·40 or less than one death per 2,000 persons. No deductions could be drawn in regard to the welfare of the two sexes from so small a difference and any further adjustment is accordingly unnecessary.

Shown in tabular form, the proportion of males to every 1,000 females in 1921 and in the estimate for 1931 will be as follows :—

| | Males. | Females. |
|---|---|---|
| 1921 .. .. | 1,906 | 1,000 |
| 1931 .. .. | 1,882 | 1,000 |

**Population by Castes.**—In the Census Tables of 1911, the population of Banias was not shown separately but was included in that of Hindus of other castes. In the 1921 Census, Banias numbered 58,824. The Bania population of 1911 is therefore worked out on the proportion of Banias to total Hindus of other castes including Banias in 1921 and comes to 51,935 as against 58,824 in 1921.

The only decreases in Caste populations during 1911-1921 were 313 in "Lingaits" and 77 in "Other and Unknown Castes."

Since Lingaits number only 866 and Other Castes 59, the assumption of a continued decline at the 1911-1921 rate would extinguish Other Castes altogether and go far towards the total extinction of Lingaits.

The decline in these two castes has accordingly been distributed over all castes by the same method that has been applied to the Section populations, the factor of correction being 0·00033.

To assume that the populations of two small castes is going to remain stationary might at first sight appear to be a simple matter not demanding the meticulous accuracy suggested by the use of a factor running to five decimal places. Meticulous is however unfortunately necessary, not because birth and death-rates would without it be materially affected, but for the more trivial reason that without it the sums of caste, sex and section populations would no tally.

**Population by Ages and Sexes.**—The male or female population at different ages is not made use of in the reports of this Department except for finding out the number of possible mothers (women aged 15-45) present in the City in the year to which the report refers. This number is worked out on the proportion of such women to the total female population in the City existing at the Census of 1921.

The estimated population in the middle of the year 1922 by sexes and sections and by castes together with the Census population of 1921 is shown in Table No. 1 appended to this Report.

## BIRTHS AND BIRTH RATES.

Excluding 1,916 still-born children, the number of births registered during the year was 20,452 and was more by 1,327 than in 1921 but less by 52 than the annual mean number of births registered in the ten years, 1912-1921.

The birth rate calculated on the estimated population for 1922 was equivalent to 17·03 births per 1,000. Calculated on the Census population for 1921, the birth rate was 17·39.

Of the children whose births were registered, 10,370 were males and 10,082 females, the proportion of males to females being 1,029 to 1,000.

The following figures show how low is the recorded birth rate for the City of Bombay compared with the rates recorded in many other Districts in India :—

Births per 1,000 of Population, 1921.

| | |
|---|---|
| Madras Presidency .. .. .. .. | 27 |
| Bombay Presidency .. .. .. .. | 33 |
| United Provinces .. .. .. .. | 34 |
| Ahmednagar District .. .. .. .. | 35 |
| Ahmedabad District .. .. .. .. | 36 |
| Punjab .. .. .. .. .. .. | 41 |
| Bombay City .. .. .. .. .. | 16 |

An unduly small proportion of women in the population of a City and more especially a small proportion of married women of child bearing age necessarily produces a low recorded birth rate, if the rate is cast on the total population of males and females at all ages.

Now in the City of Bombay the proportion of females to males only averages 343 to 657 among 1,000 persons, whereas in the Presidency as a whole the proportion is 474 to 526, according to the Census taken in 1921. Paucity of women of child bearing age would accordingly at first sight appear to be the probable explanation of the low recorded birth-rate.

On further analysis of the Census returns, however, the following average distribution of males at all ages and of females and married women at stated ages among 1,000 persons will be obtained :—

Average Age and Sex Distribution of 1,000 Persons.

CENSUS 1921.

| | Presidency British Districts. | City of Bombay. |
|---|---|---|
| Married Women aged 15-45 years .. .. .. .. | 173 | 168 |
| All Women aged 15-45 years .. .. .. .. | 219 | 212 |
| Females at all other ages .. .. .. .. .. | 255 | 131 |
| Total Females .. .. .. .. .. .. .. | 474 | 343 |
| Males at all ages .. .. .. .. .. .. .. | 526 | 657 |
| Total Males and Females .. .. .. .. .. | 1,000 | 1,000 |

The difference in the proportion of all women or married women of conceptive age in the two populations is, as may be seen from the above figures, altogether insufficient to account for anything more than a small fraction of the difference between the birth rates cast on the total populations of the areas compared and may be neglected.

The relative deficiency in the number of females is due to the influx of male workers from the mofussil.

Since the majority of such workers bring with them wives of conceptive age, the deficiency in the female population does not appear in the age period 15-45 and is practically limited to the ages, before and after this period, returned for females who may be regarded as belonging to the more or less permanent and normal population of the City as distinct from those sections of the population which are migratory.

The precise difference per cent. between the rates for the Presidency and for Bombay City obtained by the three methods available for the calculation of birth rates is shown in the following tabular statement :—

| 1921. | Bombay Presidency. | Bombay City. | Difference per cent. |
|---|---|---|---|
| Births per 1,000 of population of both sexes in all ages .. | 33 | 16 | 51 |
| Births per 1,000 of all women aged 15-45 years .. .. | 151 | 75 | 50 |
| Births per 1,000 married women aged 15-45 years .. | 191 | 95 | 50 |

The percentage difference is practically the same in each method and the rate cast on the total population may accordingly be accepted as a proper standard for use in comparing the fertility of the City and the Presidency populations.

Since birth rates can only be calculated from the births which have been actually registered, the low rate recorded in Bombay is without any doubt partly due to the widespread custom whereby large numbers of Bombay mothers go for their confinement to the homes of their parents in the mofussil. The children born in these circumstances are registered in the mofussil and consequently cannot be again registered in the City when they are brought back at the age of 3 or 4 weeks to their City homes.

Thus out of 5,133 children dying under the age 1 year in the last 7 months of 1922, 1,197 or 23 per cent. were born out of Bombay and for this reason were not registered. The remaining 77 per cent. were registered as born in the City.

Of the total deaths among infants, between 30 and 40 per cent. occur in the first 4 weeks of life.

The mortality among infants who are not brought to Bombay until they have passed the most dangerous period is accordingly considerably less than it is among infants whose lives are at risk in the City from birth.

It may therefore safely be assumed that the proportion of outborn to City-born infants is greater in the total infant population than among those who die and is therefore understated and not overstated by the figure of 23 per cent. derived from the death returns alone.

By applying the ratios obtaining among infants who die to the births registered in the City, we can thus calculate without fear of overestimation, the number of infants born elsewhere and brought to reside within the City before attaining the age of 12 months:—

| Infants. | Per cent. | Total. |
|---|---|---|
| Born in the City and Registered .. .. .. .. .. | 77 | 20,452 |
| Outborn and not registered .. .. .. .. .. .. | 23 | 6,109 |
| Total .. | 100 | 26,561 |

On this calculation the estimated number of outborn infants amounts to 6,109.

A similar calculation, with approximately similar results, can be made from the returns of the Superintendent of Vaccination.

Of the infants whose births are registered, 31 per cent. through death, evasion or other causes, escape vaccination.

Of those in the City whose births are not registered either through neglect or because they are born elsewhere, it is reasonable to assume that the proportion escaping vaccination is the same or even greater, many having arrived in Bombay after the age of maximum mortality, the number escaping vaccination through death will be less. On the other hand, the number escaping through evasion will be proportionately greater since their presence in the City is not known through the Birth Registers to the Vaccination Officers.

Assuming that these two factors tend to counterbalance one another, the following estimate of infants in the City whose births are not registered in the Municipal registers may be accepted as approximately accurate:—

| Infants. | Per cent. | Total. |
|---|---|---|
| Registered and vaccinated .. .. .. .. .. .. .. .. | 69 | 14,125 |
| Registered and not vaccinated .. .. .. .. .. .. .. .. | 31 | 6,327 |
| Total A .. .. | 100 | 20,452 |
| Unregistered and vaccinated (actual) .. .. .. .. .. .. .. | 69 | 4,923 |
| Unregistered and not vaccinated (Estimate) .. .. .. .. .. | 31 | 2,205 |
| Total B .. .. | 100 | 7,128 |
| Total of A and B .. | .... | 27,580 |

On this estimate the total number of infant lives at risk in the City during the year amounts to 27,580 made up as follows :—

| Infants. | Number. |
|---|---|
| B. Unregistered and residing in the City :— | |
| (*i*) Born within the City .. .. .. .. .. | 1,019 |
| (*ii*) Born elsewhere (outborn) .. .. .. | 6,109 |
| Total B .. | 7,128 |
| A. Born and Registered in the City .. .. .. .. | 20,452 |
| Total of A and B .. | 27,580 |

In the above statement the number born within the City and escaping registration, namely 1,019 has been obtained by subtracting from the total number of unregistered children (7,128) the figures 6,109 which has been previously shown as the estimated number of children who remain unregistered because they are born outside Bombay.

With a view to throwing further light on the number of registrable children not registered, a record has been kept which shows that out of 6,315 registrable infants dying during the year, 661 died unregistered after the age of 4 weeks, that is to say in the age period 1-12 months.

Assuming that all those dying under the age 1 month would but for death have been registered, these figures might be taken as indicating that the proportion of children escaping registration to the total number born is equivalent to 1 in 10.

On this reckoning the births in the City would be as follows, *viz.* :—

| | |
|---|---|
| Total Births .. .. .. .. .. .. | 22,724 |
| Births not Registered .. .. .. .. | 2,272 |
| Births Registered .. .. .. .. .. | 20,452 |

The figures show the births not registered as amounting to 2,272.

The calculation involves a double fallacy in its application to children who survive. In the first place all those dying under the age of 1 month would not have been registered had they lived. In the second place some 18 per cent. of children who survive are registered after the age of 1 month, whilst the calculation assumes that of those who died unregistered after the age of 4 weeks none would have been registered had their lives been prolonged.

The two errors are in opposite directions and in so far as they may tend to counterbalance one another, lend probability to the estimate represented by the figure 2,272.

Approaching the problem from another point of view, it may be noted the occurrence of deaths in unregistered children, implies the existence of an unregistered population sufficient in number to supply them.

In the first few days of life all children are necessarily unregistered. The rate at which they are transferred to the ranks of the registered is indicated by the following figures :—

Children Dying Unregistered in Three Age Periods.

| Age Period | No. of Deaths. |
|---|---|
| Under 2 weeks .. .. .. .. | 2,471 |
| 2 to 4 weeks .. .. .. .. | 213 |
| 1 to 12 months .. .. .. | 661 |
| Total .. | 3,345 |

The ages at death of the registered are unfortunately not available, neither do the records give the ages of the unregistered month by month.

The only known population available for the production of 661 unregistered deaths after the age of 4 weeks is represented by the children ultimately registered but still unregistered at the age of 1 month. Their number is equivalent to 19 per cent. of the total births. At 2 months the proportion is reduced to 5 per cent., at 3 months to 1 per cent. and at 6 months none are left.

This known population of unregistered children at a death rate of 290 which is the rate recorded for infants aged 1 to 11 months is only sufficient to produce 83 out of the 661 unregistered deaths which actually occurred.

To produce the remainder namely 578 deaths at a death-rate of 290, a population of 2,000 unknown unregistered infants would be necessary.

This figure 2,000 may be taken as representing the minimum number of children born in Bombay and escaping registration. No decrease in the estimate by this method is possible because the official death rate used already overstates the actual rate that represents deaths in proportion to all infants instead of registered infants only.

To take the estimate of 2,000 as a maximum would be to beg the whole question by arguing from the official death rate, which is as much open to question as the births themselves.

If for example the actual rate in the age period 1-12 months is 145 instead of 290 deaths per 1,000 births, the estimate of 2,000 would have to be altered to 4,000.

It is therefore impossible to fix an upper limit by this method save by manipulating the infant death rate which the births themselves will be used to determine in a subsequent section of the Report.

As a check on the estimates based on the official returns, an attempt was made in the first half of the year to arrive at a conclusion by a Census taken at random of infants in the City.

832 infants in all, at various ages, were reported on with the following results :—

| Infants. | Number. |  | Estimated totals for the City. |
|---|---|---|---|
|  | Total. | Per cent. (actual by count.) |  |
| Registered | 513 | 62 | *20,452 |
| Born in Bombay and not registered | 52 | 6 | 1,976 |
| Born elsewhere (outborn) | 267 | 32 | 10,555 |
| Total | 832 | 100 | 32,983 |

* Actual Number of Births Registered.

The ages of the 52 children born in Bombay and not registered were on the date of inquiry as follows :—

| Age in Weeks. |  | Age in Months. |  | No Record. | Total. |
|---|---|---|---|---|---|
| Under 1. | 1—4. | 1—2. | 2 and over. |  |  |
| 7 | 15 | 6 | 17 | 7 | 52 |

Owing to the random selection of the cases, little weight can be attached to the age distribution of the unregistered infants in the absence of any record of the ages of those that were found to have been registered.

Although the number of cases included in the inquiry is small, the figures may nevertheless be taken as affording support to the assumption that the number of unregistered births is in the neighbourhood of 2,000. They further provide with some probability an indication of the approximate upper or maximum limit, which other methods have not furnished, of the number of registrable infants escaping registration. Of the unregistered infants visited, most of the 7 under the age of 1 week and some of the 15 in the age period 1 to 4 weeks would no doubt in any case have been registered later, and in these circumstances the figure 2,000 (1,976) may be taken to overstate rather than to understate the total number of the unregistered.

267 out of the 832 infants found in chawls and other dwellings were noted as outborn, the place of birth though not asked being in many cases stated.

These figures imply, as indicated in the tabular statement above, that for every 20,000 infants registered another 10,000 living in the City are born elsewhere.

This figure for the outborn is only open to criticism on the grounds that the sample taken was too small.

To sum up, the following may be taken as a conservative estimate of the number of infant lives annually at risk in Bombay :—

|  |  |
|---|---|
| Registered Births | 20,452 |
| Births in Bombay not registered | 2,000 |
| Infants in Bombay born elsewhere | 6,109 |
| Total Infant lives at risk | 28,561 |

The addition of 2,000 to the registered births increases the birth rate from 17 to 18·7.

If the 6,109 out born be added to the credit of the City the birth rate is raised to 23·7.

This last step however assumes that all the women who bring young infants into the City from outside were residing permanently in Bombay shortly before their confinement. Some, needless to say, come with their infants to Bombay for the first time and for the rest it can only be said that whilst all who know the people of Bombay agree the number of women going from the City to the mofussil for their confinement and returning is large, it cannot safely be put at a higher figure than 6,000 and may be less.

On the whole it seems probable that the low birth-rate of Bombay as compared with that of the Presidency is in a large measure real and only partially accounted for by the non-registration of births or their registration beyond the City.

In Western countries, the birth-rate is higher in cities than in rural districts and the cause of the low rate in Bombay, unless it be due to Malaria and the administration of quinine, remains unexplained.

**Prosecution for Omission to report Births.**—No prosecution under Section 446 (1) of the City of Bombay Municipal Act, was instituted during the year for failure to notify the occurrence of births to this Department.

In the Annual Report for 1921 reference was made to the difficulty of prosecuting parents for failure to notify births, so long as the Department continues to send Karkuns to the homes to register births which the parents themselves ought to register at the offices provided for the purpose.

During the latter half of the year, the attention of the public was drawn to their legal obligations by the distribution of leaflets in English, Gujarati and Marathi, setting forth the provisions of Section 446 (1) of the Municipal Act, the penalty for failure to notify births and the places where births can be registered. At prominent places in the City placards to the same effect were also pasted in the three vernaculars. The result was satisfactory, 1,160 more births having been registered in the last six months of the year than in the correspondng period of 1921.

**Births by Months.**—The following table shows the number of births registered in each month of 1922 and the two preceding years. The noteworthy feature of the table is that the number of births registered is considerably higher from August to January than in the remaining six months of the year:—

| Year. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 .. .. | 1,712 | 1,507 | 1,446 | 1,418 | 1,463 | 1,372 | 1,543 | 1,750 | 1,796 | 1,956 | 1,934 | 1,834 | 19,731 |
| 1921 .. .. | 1,767 | 1,483 | 1,352 | 1,565 | 1,583 | 1,364 | 1,405 | 1,581 | 1,625 | 1,910 | 1,677 | 1,813 | 19,125 |
| 1922 .. .. | 1,801 | 1,620 | 1,540 | 1,406 | 1,432 | 1,482 | 1,525 | 1,697 | 1,857 | 2,019 | 1,962 | 2,111 | 20,452 |

**Birth-rate by Races.**—From Table No. 3 appended to this Report, it will be seen that among the different communities inhabiting the City, Lingaits (115), Hindus Low Caste (26), Parsees (24), Jews (33), Indian Christians (21), Anglo-Indians (23) and Mussalmans (19) showed birth-rates higher than the rate for the whole population. The lowest birth-rate, namely, 4·85 was recorded for the Jain community as in the preceding year.

The impossible rate of 115 recorded for Lingaits is obviously due to an understatement of the Lingait population in the Census Returns.

**Still-Births.**—The number of infants certified as still-born was 1,916 as against 2,082 in 1921 and the decennial average 1,797. Still-births are excluded in this Report from all figures relating to deaths and to births not expressly defined as still-births.

## DEATHS AND DEATH-RATES.

The total number of deaths registered from all causes during the year was 37,297, being 16,312 less than in 1921 and 8,542 less than in 1920. It was 4,373 less than the average annual mortality of the preceding 10 years (1912-1921). The death-rate per 1,000 of persons living was 31 against 46 in 1921, 47 in 1920, 70 in 1919 and 42 the average death-rate for the decennium. The death-rate (like the birth-rate) is invariably high amongst the poorer classes ; and as an unduly large proportion of the population of the City belongs to the most poorly paid sections of society, the general death-rate is raised by that of the unusually large proportion of the very poor. The Census of 1921 showed that 66 per cent. of the population live in one-room tenements.

The annual death-rates during the last fifty years are indicated in diagram "A" inserted in this section of the Report.

Of the 37,297 deaths registered during the year, 1,244 including 70 among the inmates of Military Hospitals, occurred in persons who had resided in the City for less than ten days.

The following table shows the results of inquiries made by order of the Standing Committee at institutions and hospitals outside Bombay in which the deaths that occur occasionally include deaths in persons normally residing in the City :—

| Town or Village. | Number of Institutions. | Number of deaths of Bombay Residents in 1922. |
|---|---|---|
| Deolali .. .. .. .. .. .. | 1 | 3 |
| Nasik .. .. .. .. .. .. | 2 | 1 |
| Dhumas (Surat) .. .. .. .. .. | 1 | * |
| Khandala .. .. .. .. .. .. | 1 | Nil. |
| Poona .. .. .. .. .. .. | 1 | * |
| Kurla .. .. .. .. .. .. | 1 | Nil. |
| Dharampur (Simla Hills).. .. .. .. | 1 | Nil. |
| Panchgani .. .. .. .. .. .. | 1 | 5 |
| Karla .. .. .. .. .. .. | 1 | 3 |
| Lonavala .. .. .. .. .. .. | 1 | * |
| Bandra .. .. .. .. .. .. | 1 | 3 |
| | | 15 |

* Replies not received.

The crediting of deaths to the Districts to which they properly belong is not yet sufficiently organised throughout the Presidency to be of any value and the above figures are accordingly submitted without comment.

**Mortality by Sex and Age.**—Of the total number of 37,297 deaths in the year, 21,152 were among males and 16,145 among females ; the number of deaths among males was thus in the proportion of 131 to 100 deaths among females as in 1921. The larger number of deaths among males is due to the preponderance of males who form nearly two-thirds of the population, the actual death-rate being higher among females. Thus the male death-rate was 27 and the female death-rate 39 against rates of 39 and 57 respectively in 1921.

The following table shows the proportional contribution to the total deaths of each age-group in the two sexes :—

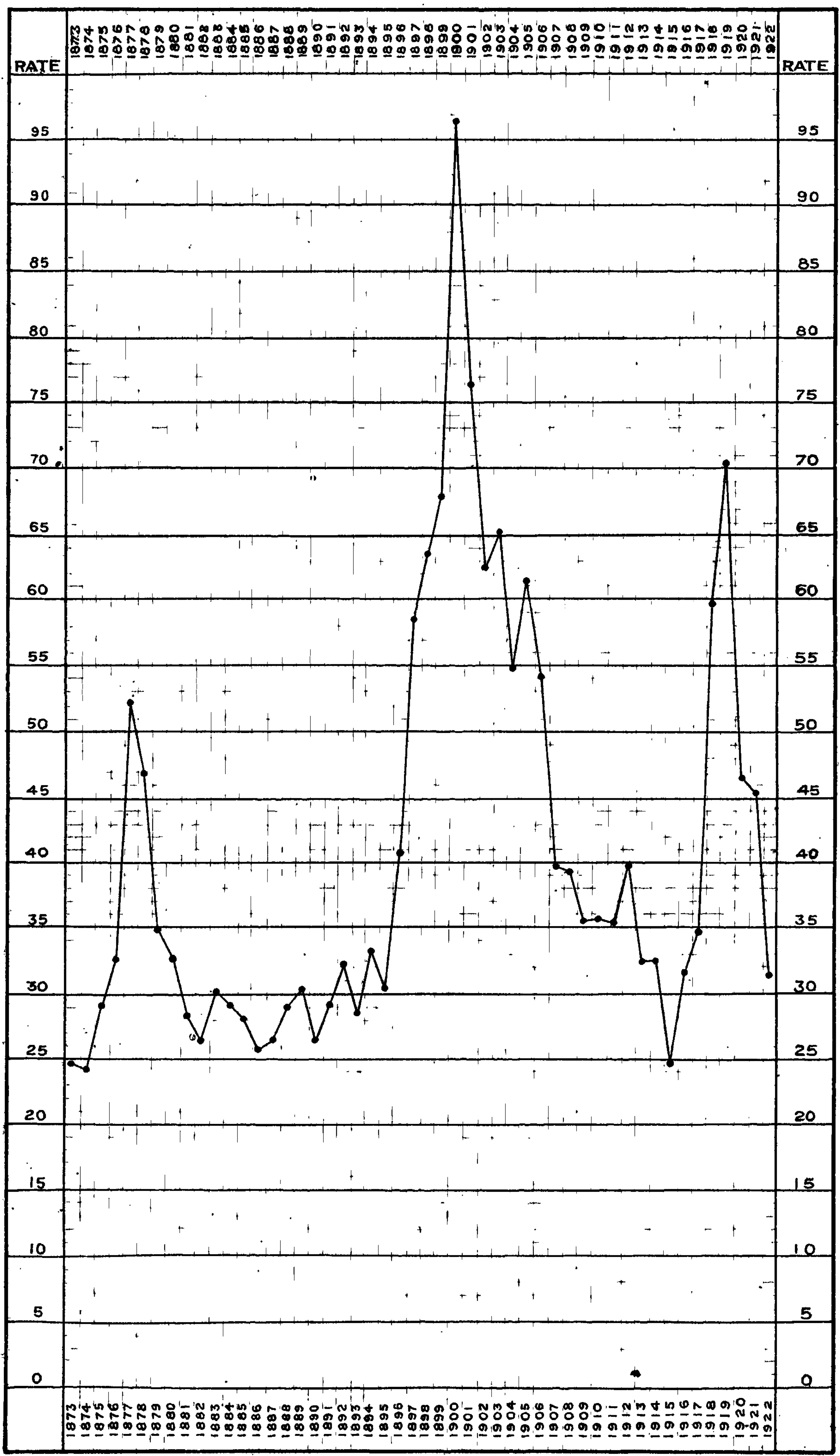
TABLE OF PERCENTAGES TO THE TOTAL MORTALITY BY AGE-PERIOD IN 1920, 1921 AND 1922.

| Age-period. | 1920. | | 1921. | | 1922. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | MALES. | | FEMALES. | | PERSONS. | |
| | Total Mortality. | Percentage. | Total Mortality. | Percentage. | Total Mortality. | Percentage. | Total Mortality. | Percentage. | Total Mortality. | Percentage. |
| Under 1 year ... | 10,896 | 23·77 | 12,751 | 23·78 | 4,367 | 20·64 | 3,869 | 23·96 | 8,236 | 22·08 |
| 1 to 5 years ... | 5,675 | 12·38 | 7,397 | 13·79 | 2,306 | 10·90 | 2,568 | 15·90 | 4,874 | 13·06 |
| 5 to 10 " ... | 1,644 | 3·58 | 2,378 | 4·43 | 661 | 3·12 | 772 | 4·78 | 1,433 | 3·84 |
| 10 to 15 " ... | 1,441 | 3·14 | 1,757 | 3·27 | 597 | 2·82 | 619 | 3·83 | 1,216 | 3·26 |
| 15 to 20 " ... | 2,897 | 6·30 | 2,928 | 5·46 | 830 | 3·92 | 698 | 4·32 | 1,528 | 4·09 |
| 20 to 30 " ... | 8,002 | 17·41 | 8,229 | 15·35 | 3,078 | 14·55 | 1,952 | 12·09 | 5,030 | 13·48 |
| 30 to 40 " ... | 5,112 | 11·15 | 6,091 | 11·36 | 3,236 | 15·29 | 1,690 | 10·46 | 4,926 | 13·20 |
| 40 to 50 " ... | 3,258 | 7·10 | 3,878 | 7·23 | 2,094 | 9·89 | 980 | 6·06 | 3,074 | 8·24 |
| 50 to 60 " ... | 3,068 | 6·69 | 3,334 | 6·20 | 1,576 | 7·45 | 762 | 4·71 | 2,338 | 6·26 |
| 60 years and upwards. | 3,843 | 8·38 | 4,876 | 9·09 | 2,404 | 11·36 | 2,234 | 13·83 | 4,638 | 12·43 |
| Unspecified ages ... | 3 | ...... | ...... | ...... | 3 | 1·00 | 1 | ...... | 4 | 0·01 |
| Total ... | 45,839 | 100·00 | 53,609 | 100·00 | 21,152 | 100·00 | 16,145 | 100·00 | 37,297 | 100·00 |

A

# DIAGRAM

## ANNUAL DEATH-RATE IN BOMBAY 1873-1922.



It will be seen from the table that the percentage of deaths among infants under one year of age to the total mortality in the year under notice was higher, as in the past, than in the case of any other age-group.

## CAUSES OF DEATHS.

As explained in my Annual Report for 1920, page 5, the tabulation of deaths by causes in 1922 was carried out in accordance with the " Manual of the International List of Causes of Death as adapted for use in England and Wales." Table No. 22 (Appendix) includes the full list of causes of death by months. All other abstracts of the cause of death are arranged in the form of the Short List of Causes adopted by the Registrar General for England and Wales and the Local Government Board with certain sub-divisions which were found important for tabulation purposes in the City of Bombay. Thus deaths arranged by the Short List of Causes are shown in Tables Nos. 20 (by Sections), 24 (by Race or Caste and Sex) and 27 (by Age-periods).

**Certification of Cause of Death.**—The total number of certificates of the cause of death received during the year was 8,773 against 11,681 in 1921 ; of these, 3,274 were from private qualified medical practitioners, 49 from Hakims and Vaidyas and 4,175 from the Medical Officers of various Hospitals; the cause of death in 696 cases was certified by the Commissioner of Police and in 579 cases by the Coroner of Bombay.

The percentage of certified deaths including those certified by Hakims and Vaidyas was 23·52

The percentages of deaths certified to the total number of deaths in 1922 and the preceding five years are shown in the following table :—

| Year. | Number of Certificates of the Cause of Death received from | | | | | | Percentage of total certificates received to the total mortality. |
|---|---|---|---|---|---|---|---|
| | Medical Officers of Hospitals. | Private Medical Practitioners. | Hakims and Vaidyas. | Commissioner of Police. | Coroner of Bombay. | Total. | |
| 1917 .. | 3,638 | 5,355 | 189 | 613 | 263 | 10,058 | 30·12 |
| 1918 .. | 5,992 | 5,901 | 166 | 681 | 300 | 13,040 | 22·33 |
| 1919 .. | 6,684 | 5,521 | 176 | 971 | 419 | 13,771 | 20·07 |
| 1920 .. | 4,936 | 4,553 | 127 | 915 | 485 | 11,016 | 24·03 |
| 1921 .. | 5,417 | 4,203 | 150 | 1,233 | 678 | 11,681 | 21·78 |
| 1922 .. | 4,175 | 3,274 | 49 | 696 | 579 | 8,773 | 23·52 |

The District Registrars certified the cause of 48 deaths after seeing the persons during their last illness and verified the cause of death of 28,431 persons on the information gathered from the relatives of the deceased and of 45 after seeing the dead bodies.

**Copies of Certificates Issued.**—During the year, 1,495 copies of certificates of registry of death, 230 copies of certificates of birth and 20 true copies of birth and death reports and medical certificates were issued. The total fees received for copies of certificates and reports, for searches of birth and death registers for various periods and for producing registers in Courts of Law amounted to Rs. 2,131-13-6 as against Rs. 2,020 in 1921.

TABLE OF DEATHS AND DEATH-RATES FROM EPIDEMIC DISEASES AND CERTAIN OTHER PRINCIPAL CAUSES OF DEATH IN 1922 AND 1921 WITH AVERAGES FOR THE 10 YEARS (1912-1921).

| Cause of Death. | 1922. | | 1921. | | Average of years (1912 to 1921). | |
|---|---|---|---|---|---|---|
| | Number of Deaths. | Death-rate per 1,000 of Population. | Number of Deaths. | Death-rate per 1,000 of Population. | Number of Deaths. | Death-rate per 1,000 of Population. |
| *Principal Epidemic Diseases.* | | | | | | |
| Small-pox ... ... ... ... | 61 | 0·05 | 406 | 0·34 | 560 | 0·56 |
| Measles ... ... ... .. | 22 | 0·01 | 201 | 0·17 | 270 | 0·27 |
| Plague ... ... ... ... | 632 | 0·52 | 811 | 0·68 | 1,450 | 1·45 |
| Enteric Fever ... ... ... | 123 | 0·10 | 152 | 0·12 | 146 | 0·14 |
| Malaria ... ... ... ... | 485 | 0·40 | 545 | 0·46 | 286 | 0·28 |
| Ague and Remittent Fever... ... | 2,703 | 2·25 | 4,234 | 3·60 | 3,047 | 3·04 |
| Relapsing Fever ... .. ... | 56 | 0·04 | 57 | 0·04 | 27 | 0·02 |
| Influenza ... ... ... .. | 528 | 0·43 | 1,389 | 1·18 | 892 | 0·69 |
| Cholera ... ... ... ... | 15 | 8·01 | 70 | 0·05 | 1,266 | 1·26 |
| Dysentery ... ... ... ... | 1,141 | 9·95 | 1,512 | 1·28 | 1,089 | 1·08 |
| *Other Principal Diseases.* | | | | | | |
| Tuberculosis ... ... ... ... | 1,473 | 1·22 | 1,614 | 1·37 | 2,131 | 2·13 |
| Diseases of the Nervous System .. | 1,840 | 1·53 | 2,472 | 2·10 | 2,195 | 2·19 |
| „ „ Respiratory System. | 13,614 | 11·33 | 21,982 | 18·69 | 14,293 | 14·30 |
| Diarrhœa and Enteritis ... ... | 2,588 | 2·15 | 3,445 | 2·92 | 2,488 | 2·49 |
| Puerperal State ... ... ... | 285 | 0·23 | 474 | 0·40 | 328 | 0·32 |
| Congenital Debility and Diseases of early Infancy ... ... ... | 3,684 | 3·06 | 4,395 | 3·73 | 3,123 | 3·12 |
| Old Age ... ... ... ... | 2,711 | 2·25 | 2,942 | 2·50 | 2,260 | 2·26 |
| Leprosy ... ... ... ... | 78 | 0·06 | 103 | 0·08 | 93 | 0·09 |
| Violence ... ... ... ... | 848 | 0·70 | 1,058 | 0·89 | 741 | 0·74 |
| Other Causes ... ... ... ... | 4,410 | 3·67 | 5,747 | 4·87 | 4,985 | 4·98 |
| Total ... | 37,297 | 31·06 | 53,609 | 45·58 | 41,670 | 41·70 |

It will be seen from the table and the diagram 'B' herein inserted that diseases of the Respiratory System have caused, as usual, a higher death-rate (11) than any other group. Congenital Debility and Diseases of early Infancy constituted the next most fatal group giving a death-rate of 3 per 1,000 persons living. The group coming next on the list for the year under report with a death-rate of 2·65 comprises the deaths attributed to Malaria, Ague and Remittent Fever.

Scarlet Fever, Whooping Cough and Diphtheria have been omitted from the above short table of principal causes. Scarlet Fever has been registered as the cause of 1 death during the last 10 years and the average annual number of deaths from the other two diseases is only 14.

Tables Nos. 5 to 28 appended to the Report give detailed information regarding deaths by sections, months, age, caste, sex, cause and occupation.

The mortality from Plague, Small-pox, Cholera, Influenza, Tuberculosis and Fevers in 1922 is discussed on pp. 27 to 40.

**Mortality by Races.**—The recorded death-rate for Lingaits, a small community in Bombay which numbered 866 at the Census of 1921 against 1,179 in 1911, was 372 in the year under report as against 717 in 1921. These fantastic rates imply an average age at death among Lingaits of less than three years and that the community would in three years become extinct, if it were not annually reinforced by fresh victims from the mofussil.

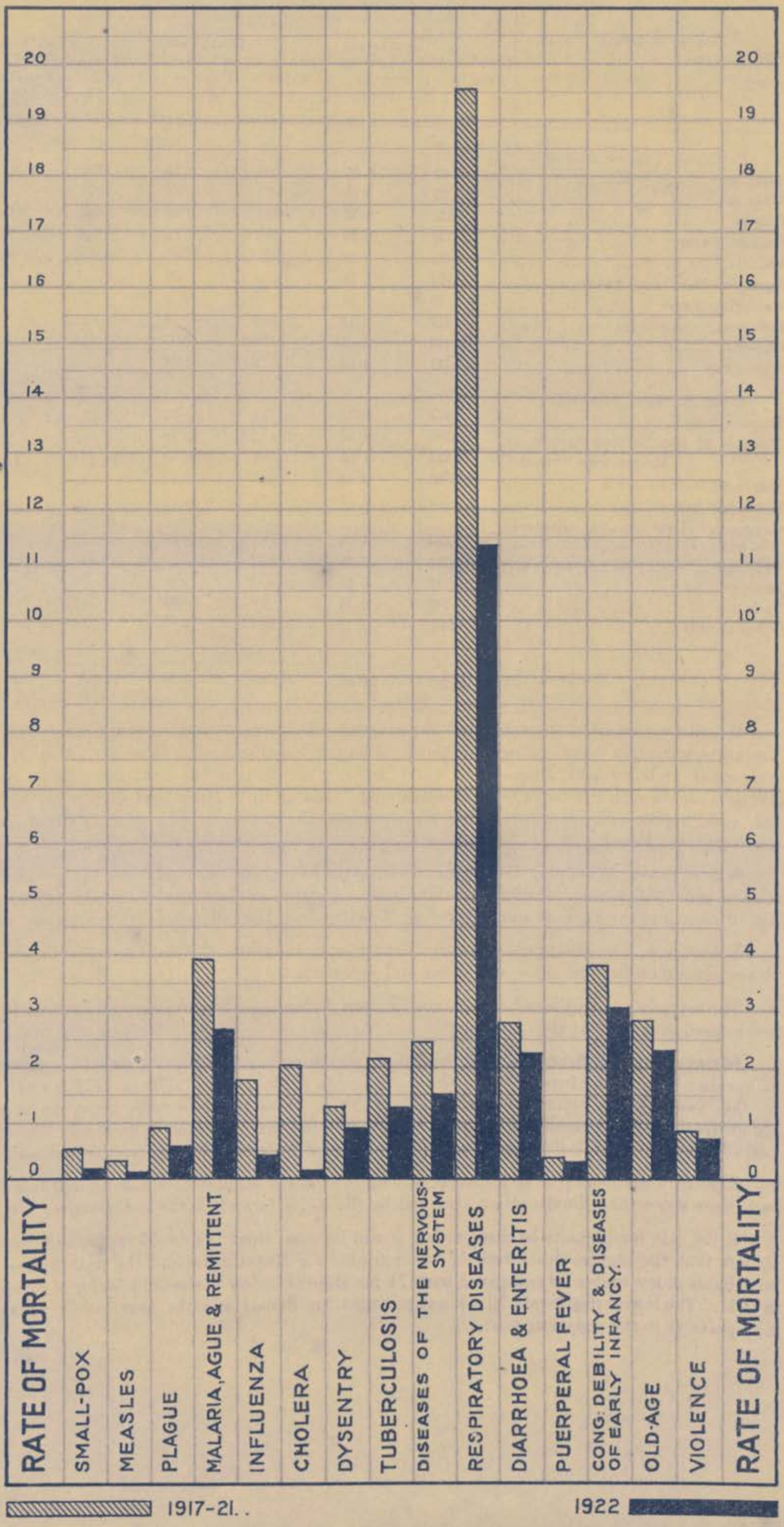
Evidently the definition of a Lingait among the Census enumerators has differed from and been more strict than the definition accepted by the Registrars of Births and Deaths.

If the rate for Lingaits be disregarded, it will be seen from Table 25 appended to this Report that the highest death-rate 42 was recorded for Mussalmans and the next highest 40 for Hindus of low castes, as compared with 74 for Hindus of low castes and 56 for Mussalmans in 1921. The lowest death-rate 10·43 was recorded for Banias and the next lowest 13·32 for Europeans as in the preceding year.

'B'

# DIAGRAM

## DEATH-RATE PER 1,000 OF POPULATION FROM PRINCIPAL CAUSES IN BOMBAY IN 1922 AND THE QUINQUENNIAL AVERAGES IN 1917-21.



The death-rates from Small-pox 0·10 among Bhatias and 0·08 among Brahmins were higher than among any other communities. Jains with the death-rate of 1·64 suffered most heavily from Plague as in 1921 (1·84) and their liability to Plague is not improbably due to the fact that they do nothing to prevent rats entering and living in their houses. Enteric was more fatal to Anglo-Indians (1·46), Jews (0·52) and Europeans (0·46); the comparatively high incidence of Enteric fever on Anglo-Indians and Europeans is probably more apparent than real and in some measure due to the more accurate diagnosis of fevers in members of these communities. Anglo-Indians and Europeans with death-rates of 2·71 and 1·52 respectively suffered most heavily from Malaria, while for Hindus, low castes (3·67) and Mussalmans (2·70) higher death-rates from Ague and Remittent fevers were recorded. Influenza was most fatal to Parsees (0·93) and Jews (0·91). From diseases of the Respiratory System a death-rate of 16 was registered among Hindus, low caste, of 15 among Mussalmans and of 14 among Jains. Indian Christians (2·33), Anglo-Indians (2·29) and Mussalmans (2·08) suffered more from Tuberculosis than any other community. The incidence of Cholera during the year under report was very light, the death-rate for the City as a whole being only 0·01 per 1,000 persons living.

No deaths occurred from Small-pox among Jains, Lingaits, Jews and Anglo-Indians; from Plague among Europeans; from Enteric among Lingaits and Banias; from Malaria among Lingaits; from Ague and Remittent fevers among Europeans; from Influenza among Bhatias or from Cholera among Jains, Lingaits, Bhatias, Banias, Parsees, Jews and Europeans. The lowest death-rate from Tuberculosis (0·36) was registered among Banias and from diseases of the Respiratory System (1·92) among Europeans.

Table No. 7 shows deaths by Race and Age.

**Mortality by Months.**—The following table shows the total number of deaths registered on each day and in each month of the year. The number of monthly total deaths in 1921 is added to the table for comparison :—

TABLE SHOWING THE DAILY AND MONTHLY TOTAL DEATHS IN 1922.

| Date. | Months. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. |
| 1 ... | 101 | 118 | 100 | 115 | 98 | 117 | 81 | 119 | 105 | 90 | 108 | 90 |
| 2 ... | 112 | 159 | 121 | 102 | 115 | 81 | 79 | 107 | 100 | 104 | 109 | 94 |
| 3 ... | 120 | 126 | 122 | 105 | 123 | 86 | 83 | 96 | 87 | 110 | 122 | 104 |
| 4 ... | 121 | 116 | 118 | 123 | 104 | 75 | 85 | 95 | 78 | 99 | 105 | 132 |
| 5 ... | 137 | 121 | 94 | 128 | 103 | 92 | 72 | 95 | 99 | 111 | 112 | 110 |
| 6 ... | 126 | 123 | 96 | 119 | 91 | 97 | 81 | 107 | 109 | 118 | 92 | 103 |
| 7 ... | 119 | 117 | 90 | 114 | 82 | 87 | 106 | 85 | 78 | 127 | 92 | 80 |
| 8 ... | 95 | 139 | 108 | 97 | 90 | 87 | 97 | 71 | 82 | 105 | 99 | 104 |
| 9 ... | 84 | 116 | 120 | 88 | 107 | 69 | 100 | 82 | 107 | 101 | 119 | 107 |
| 10 ... | 109 | 112 | 108 | 110 | 82 | 113 | 94 | 112 | 88 | 97 | 96 | 95 |
| 11 ... | 114 | 106 | 126 | 127 | 83 | 86 | 107 | 100 | 105 | 97 | 93 | 96 |
| 12 ... | 102 | 114 | 109 | 101 | 97 | 78 | 114 | 116 | 109 | 99 | 102 | 98 |
| 13 ... | 113 | 101 | 114 | 131 | 96 | 90 | 102 | 96 | 86 | 112 | 91 | 103 |
| 14 ... | 133 | 103 | 98 | 124 | 79 | 92 | 89 | 83 | 89 | 102 | 109 | 100 |
| 15 ... | 108 | 114 | 100 | 107 | 81 | 84 | 76 | 87 | 100 | 100 | 102 | 91 |
| 16 ... | 121 | 120 | 130 | 116 | 102 | 69 | 83 | 94 | 89 | 112 | 89 | 96 |
| 17 ... | 124 | 118 | 101 | 129 | 114 | 72 | 84 | 98 | 80 | 106 | 101 | 106 |
| 18 ... | 133 | 110 | 92 | 131 | 76 | 72 | 98 | 96 | 106 | 92 | 84 | 99 |
| 19 ... | 124 | 111 | 100 | 119 | 83 | 79 | 97 | 106 | 105 | 102 | 67 | 122 |
| 20 ... | 107 | 124 | 93 | 121 | 90 | 82 | 83 | 82 | 91 | 111 | 89 | 117 |
| 21 ... | 108 | 107 | 99 | 99 | 85 | 74 | 95 | 94 | 115 | 107 | 92 | 102 |
| 22 .. | 109 | 123 | 100 | 119 | 89 | 86 | 94 | 107 | 86 | 116 | 100 | 104 |
| 23 ... | 136 | 123 | 84 | 94 | 103 | 88 | 86 | 112 | 92 | 120 | 119 | 101 |
| 24 ... | 138 | 134 | 106 | 109 | 85 | 66 | 89 | 91 | 81 | 107 | 101 | 107 |
| 25 ... | 105 | 144 | 123 | 101 | 97 | 75 | 93 | 94 | 107 | 96 | 96 | 99 |
| 26 ... | 112 | 124 | 143 | 127 | 95 | 74 | 94 | 74 | 89 | 112 | 105 | 111 |
| 27 ... | 122 | 109 | 110 | 115 | 89 | 98 | 115 | 86 | 94 | 86 | 91 | 93 |
| 28 ... | 117 | 125 | 95 | 122 | 100 | 91 | 99 | 100 | 92 | 101 | 125 | 106 |
| 29 ... | 118 | ... | 113 | 110 | 93 | 68 | 79 | 104 | 110 | 124 | 104 | 121 |
| 30 ... | 122 | ... | 111 | 103 | 77 | 92 | 100 | 83 | 89 | 124 | 114 | 104 |
| 31 ... | 85 | ... | 123 | ... | 76 | ... | 98 | 110 | ... | 119 | ... | 107 |
| Total ... | 3,576 | 3,351 | 3,345 | 3,389 | 2,890 | 2,520 | 2,858 | 2,983 | 2,848 | 3,307 | 3,028 | 3,202 |
| Deaths by Months in 1921. | 5,202 | 5,253 | 6,438 | 6,304 | 4,813 | 3,351 | 3,524 | 3,969 | 3,941 | 3,841 | 3,536 | 3,441 |

The high mortality experienced in the first four months of the year was due to the comparatively higher numbers of deaths from Influenza and diseases of the Respiratory System and to the epidemic of Plague. From May to the middle of October lower death-rates prevailed. The rise recorded thereafter was chiefly due to Malaria and diseases of the Respiratory System.

The incidence of deaths from principal causes in different months is shown in Tables Nos. 8 to 18 appended to the Report.

**Mortality by Sections.**—It will be seen from Table No. 5 (Appendix), which gives total deaths by months and death-rates in each Section in 1922 with the quinquennial averages for 1917-1921, that rates higher than the general death-rate were recorded in Mazagon (42), 2nd Nagpada (41), Umerkhadi (40), Dongri (38), Byculla (37), Sewri (36), Khara Talao (36), Tardeo (35), Worli (35), Sion (35), Esplanade (33), Fort, North (32), Bhuleshwar (32) and Kamathipura (32).

The sections of Tarwadi, Upper Colaba, Esplanade and Byculla contain hospitals and should exhibit a much lower rate, but for the fact that for want of the residential addresses of many of the patients who die in these institutions, the deaths have to be referred to the sections containing the hospitals instead of to those where the patients resided before admission. Upper Colaba contains the Colaba Station (Military) Hospital; and Esplanade, St. George's, the Cama and Allbless, Gokuldas Tejpal, the Parsee Lying-in and Marine Lines War Hospitals. The Sir Jamsetjee Jeejeebhoy, Bai Motlabai and Sir D. M. Petit and Maratha Hospitals are in Tarwadi and St. Joseph's Foundling Home, the Arthur Road infectious Diseases Hospital and the Adams Wylie Memorial Hospital are in Byculla Section. The lowest rate 17·14 was returned for Walkeshwar and the next lowest (19·33) for Market Sections as against 24 for Fort South in 1921.

**Deaths by Occupation.**—The death-rates recorded for persons following different occupations will be found in Table No. 28 in the Appendix.

Space will not permit of the discussion of the rates in detail, but for those who may wish to draw inferences from the figures in regard to any particular class of workers, a brief note on the reliability of the material available may be made. Among other sources of fallacy the following may be mentioned where the number of the persons recorded in the Census as following a particular occupation is small, that is to say less than 1,000, either high or low death-rates may be due to chance alone. Thus only 44 persons have been shown in the Census as workers in Quarries of Hard Rocks. During the year 4 deaths were recorded among such persons, their death-râte thus being 91 per 1,000. An extreme example is that of the Navy which was credited with 14 men only at the Census, but with 5 deaths and consequently with a death-rate of 357 per 1,000 in 1922.

Through difficulties in classification, death-rates may be enhanced either by an understatement in the Census Returns of the numbers engaged in a given occupation or by an overstatement of the number of deaths in persons so occupied.

Fitters on Railways for example should be shown under Transport, fitters in cotton mills under Textiles, and fitters unspecified under Mechanics. Erroneous transfer from the correct to the incorrect class under such a classification is needless to say likely to occur.

Finally an occupation or class containing an excessive proportion of older persons will show a higher death-rate than an occupation chiefly followed by younger workers even though both are equally healthy.

The death-rate recorded for pensioners is a typical example of a high rate due to age.

A certain caution is therefore necessary in accepting the rates shown in Table 28 and more especially some of the highest and lowest as indices of the healthiness or otherwise of the occupations to which they respectively refer. On the other hand the following extracts from the table show a certain consistency and may be accepted as affording some indication of the healthiness of the occupations named as indicated by the death-rates among those who follow them.

The figures represent the death-rates among textile workers and certain other classes of the population. The two standards for comparison adopted have been the death-rate among all occupied persons at all ages and the death-rate among persons occupied or unoccupied between the ages of 15 and 55 years.

These age limits have been selected for the purpose of excluding deaths in young children among whom the death-rate is unduly high and deaths after the age of 55 which may be held in a large measure to be due to age and to be independent of the occupation followed.

| | Occupation or Class. | Deaths per 1,000. |
|---|---|---|
| (*a*) | All occupied persons .. .. .. .. .. .. | 17 |
| (*b*) | All persons aged 15—55 whether occupied or not .. | 21 |
| (*c*) | Transport by Water .. .. .. .. .. .. | 9 |
| (*d*) | Bank Managers, Money-lenders and Employés .. | 15 |
| (*e*) | Mill Hands and other Textile Workers .. .. | 16 |
| (*f*) | Medical and Veterinary Practitioners and Dentists . | 17 |
| (*g*) | Clerks .. .. .. .. .. .. .. .. | 23 |
| (*h*) | Plumbers .. .. .. .. .. .. .. | 38 |
| (*i*) | Pensioners .. .. .. .. .. .. .. | 40 |
| (*j*) | Dependents aged 15 years and upwards .. .. | 43 |
| (*k*) | Dependents of all ages .. .. .. .. | 54 |

It will be seen that textile workers occupy a not unfavourable position. Their death-rate is for example 2 points below that of all occupied persons and 5 below all persons aged 15—55.

The work demands a much higher standard of physique than is required in clerks. The wages paid are sufficient to satisfy the essential needs of life and judging by the ages of those who die, the proportion of aged workers is much lower than it is amongst all occupied persons. The Census Tables unfortunately do not classify occupations by age, and further do not give any group with the exception of medical practitioners which can be taken as representing the well-to-do middle classes.

With Bank Managers, for example, are included all persons lending money and all those who are employed by banks or by money-lenders.

As regards medical practitioners their death-rate in England in the 'eighties when conditions more nearly resembled those now obtaining in Bombay was high, and higher than that of mill hands as the following comparative mortality figures indicate :—

| | |
|---|---|
| Coal Miners .. .. .. .. .. | 691 |
| Cotton Manufacture .. .. .. | 1,024 |
| Medical Practitioners .. .. .. | 1,058 |
| Plumbers, Painters, etc. .. .. .. | 1,132 |

The earnings of the Sub-Assistant Surgeon class of medical practitioners are not large and there is nothing improbable in the records which show that in Bombay now, as formerly in England the death-rate among textile workers is less than it is in the group comprising medical and veterinary practitioners and dentists.

The excessive mortality among plumbers may be received *cum grano salis.* They suffer from the effects of chronic lead poisoning, but not to the extent which the Bombay figures suggest.

The rate among pensioners is consistent with their age.

The high rate amongst dependents that is to say the unoccupied is in accordance with the experience of other countries and is due in a large measure to the inclusion in their ranks of all infants and young children.

The withdrawal of all under the age of 15 years from the unoccupied population and from the deaths which occur among them reduces the death-rates from 54 to 43.

That part of the excess which is not due to the inclusion of infants arises from the presence in the unoccupied population of a large proportion of persons who are unoccupied through sickness and old age.

From the comparisons made the inference is justified that the conditions under which the textile worker is employed in Bombay do not produce a high death-rate and that the health of textile workers as judged by their mortality compares favourably with the health of the generality of workers of the same social class in the City.

## INFANT MORTALITY.

The number of deaths among infants under one year of age was 8,236 being 4,515 less than in 1921, 3,540 less than the quinquennial average and 1,605 less than the average of 1912-1921.

The percentage of infant mortality to the total mortality at all ages was 22·08 against 23·78 in 1921 and 23·77 in 1920. The ratio per 1,000 of live births registered was 403 against 667 in the antecedent year and 480 the decennial average.

The infant population, or the number of infant lives at risk during the year is usually accepted as being represented with sufficient accuracy by the number of births registered during the year under consideration. In Bombay the minimum estimate of the number of births escaping registration has been entered under the section on births as amounting to 2,000. In the same section the number of infants born elsewhere and brought to reside in the City during the remainder of their infancy has been computed as amounting to 6,109. Whilst those among these outborn infants who are born of mothers coming to Bombay for the first time cannot be included in casting the birth rate, all can be legitimately included in computing the number of infant lives at risk in the City during the year.

On these estimates the number of infant lives at risk would have been as follows :—

| | |
|---|---|
| Registered Births .. .. .. .. | 20,452 |
| Infants born in the City and not registered .. | 2,000 |
| Outborn Infants .. .. .. .. | 6,109 |
| Total .. | 28,561 |

Cast on a population of 28,561 the death-rate among infants would be 288 as compared with the officially recorded rate of 403.

The only fallacy involved in this calculation arises from the fact that no infant is likely to be brought into the City much before the age of 1 month, whilst some may not be brought till they have attained the age of 10 or 11 months. Thus the lives of none of these 6,000 infants are at risk for more than 11 months, whilst the lives of some are at risk for less than 8 weeks.

On the other hand the number of unregistered births is probably underestimated and a figure in the neighbourhood of 300 may be taken as representing the actual maximum mortality with a considerably closer approximation to the true state of affairs than the rate of 403 cast on registered births alone.

The calculated rate could be further diminished by increasing the estimate of the number of births escaping registration. A limit however is set to progress in this direction by the rate at which the number of deaths of unregistered falls in the 3rd and 4th weeks of life and again in the age period 1-12 months. In 1923 it is hoped to throw further light on this question by recording the ages at death month by month of the registered, unregistered and outborn.

**Causes of Death.**—It will be seen from Table No. 23 (Appendix) that 5,835 or nearly 71 per cent. of the total deaths in infants were due to diseases of the Respiratory System, Infantile Debility and Premature Birth against 70 per cent. (8,902 deaths) in 1921. Diarrhœa and Enteritis caused 657 deaths, Malaria, Ague and Remittent Fevers 105 deaths and Convulsions 1,086 deaths. The deaths from Small-pox and Measles numbered 8 and 6 respectively.

INFANT MORTALITY FROM PRINCIPAL CAUSES FROM 1917 TO 1922.

| Cause of Death. | 1917. | 1918. | 1919. | 1920. | 1921. | Average (1917 to 1921). | 1922. | More or Less. |
|---|---|---|---|---|---|---|---|---|
| Small-pox ... ... ... | 70 | 202 | 198 | 48 | 77 | 119 | **8** | — 111 |
| Measles ... ... ... ... | 83 | 217 | 207 | 42 | 66 | 123 | **6** | — 117 |
| Malaria ... ... ... ... | 13 | 4 | 15 | 20 | 25 | 15 | **24** | + 9 |
| Ague, Remittent Fever and Fever not defined. | 204 | 396 | 452 | 286 | 229 | 313 | **122** | — 191 |
| Diarrhœa and Enteritis ... ... | 368 | 390 | 587 | 683 | 981 | 602 | **657** | + 55 |
| Dysentery ... ... ... | 49 | 48 | 79 | 66 | 78 | 64 | **33** | — 31 |
| Infantile Debility and malformation including premature birth. | 2,842 | 3,537 | 3,681 | 3,549 | 4,395 | 3,601 | **3,681** | + 80 |
| Diseases of the Respiratory System. | 2,939 | 4,843 | 4,667 | 3,873 | 4,567 | 4,166 | **2,154** | — 2,012 |
| Convulsions ... ... ... | ... | ... | ... | ... | ... | ... | **1,086** | ... |
| All Causes ... ... ... | 8,870 | 12,829 | 13,534 | 10,896 | 12,751 | 11,776 | **8,236** | — 3,540 |

**Quinquennial Averages.**—Compared with the averages of the preceding five years; Small-pox shows a decrease of 111, Measles of 117, the group Ague, Remittent Fever and Fever not defined of 191, Dysentery of 31 and Diseases of the Respiratory System of 2,012 ; on the other hand Malaria shows an increase of 9, Diarrhœa and Enteritis of 55 and Infantile Debility and premature birth of 80 deaths. The appreciable decline in the number of deaths from Diseases of the Respiratory System has been due to the fact that Influenza was in a mild form during the year.

**Age at Death.**—The following table classifies the infantile deaths from principal causes in 1922 under the age groups, under 1 week, 1—4 weeks, 1—6 months and 6—12 months :—

TABLE OF DEATHS AMONG INFANTS FROM PRINCIPAL CAUSES BY AGE-PERIODS IN 1922.

| Age-Period. | Small-pox. | Measles. | Malaria. | Ague and Remittent Fever and Fever not defined. | Diarrhœa and Enteritis. | Dysentery. | Infantile Debility & malformation including premature birth. | Diseases of the Respiratory System. | Convulsions. | All Causes. | Percentage of deaths in each age-period to total deaths under 1 year of age. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Under 1 week ... | ... | ... | 1 | 3 | 18 | ... | 1,752 | 6 | 69 | 1,894 | 23·00 |
| 1 to 4 weeks ... | ... | ... | ... | 3 | 81 | 1 | 1,096 | 40 | 104 | 1,350 | 16·39 |
| Total under 1 month... | ... | ... | 1 | 6 | 99 | 1 | 2,848 | 46 | 173 | 3,244 | 39·39 |
| 1 to 6 months ... | 8 | 2 | 7 | 46 | 200 | 7 | 614 | 737 | 515 | 2,240 | 27·20 |
| 6 to 12 months ... | 5 | 4 | 16 | 70 | 358 | 25 | 219 | 1,371 | 398 | 2,752 | 33·41 |
| Total ... | 8 | 6 | 24 | 122 | 657 | 33 | 3,681 | 2,154 | 1,086 | 8,236 | 100·00 |

Of the total deaths among infants, 1,894 or 23 per cent. took place in the first week of life and 1,350 or 16 per cent. in the age period 1 to 4 weeks.

The mortality among infants who had not completed the first month of life was thus 3,244 or 39 per cent. of the total infant deaths. The number of deaths in the age-groups 1 to 6 months and 6 to 12 months was 2,240 and 2,752 being respectively 27 and 33 per cent. of the total infant mortality.

TABLE OF PERCENTAGES OF INFANT DEATHS FROM PRINCIPAL CAUSES AT SEVERAL AGE-PERIODS IN 1922.

| Age-Period. | Small-pox. | Measles. | Malaria. | Ague and Remittent Fever and Fever not defined. | Diarrhœa and Enteritis. | Dysentery. | Infantile Debility & malformation including premature birth. | Diseases of the Respiratory System. | Convulsions. | Other Causes. | All Causes. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Under 1 week ... | ... | ... | 0·05 | 0·15 | 0·95 | ... | 92·50 | 0·31 | 3·64 | 2·37 | 100·00 |
| 1 to 4 weeks ... | ... | ... | ... | 0·22 | 6·00 | 0·07 | 81·18 | 2·96 | 7·70 | 1·85 | 100·00 |
| 1 to 6 months ... | 0·13 | 0·08 | 0·31 | 2·05 | 8·92 | 0·31 | 27·41 | 32·90 | 22·99 | 4·86 | 100.00 |
| 6 to 12 months ... | 0·18 | 0·14 | 0·58 | 2·54 | 13·00 | 0·90 | 7·95 | 49·81 | 14·46 | 10·59 | 100·00 |
| Total ... | 0·09 | 0·07 | 0·29 | 1·48 | 7·97 | 0·39 | 44·69 | 26·15 | 13·18 | 5·64 | 100·00 |

The salient features of the above table are the magnitude of the role played by debility and prematurity in the causation of death in the first 4 weeks of life and the large proportion of deaths from Respiratory diseases during the remaining 11 months of infancy.

In my special report on Infant Mortality in Bombay (Corporation Resolution No. 3313 of 17th July 1922), the analysis of deaths from different causes in 1901—1921 shows that an excessive death-rate among infants does not occur except in conjunction with an excessive death-rate at all ages and that the fluctuations in infant mortality which corresponded in time and direction with those of the general death-rate were indirectly or directly due to Plague in the first decade of the Century and to Influenza in 1918-1921. In the Annual Report for 1920 (page 12), the relationship between total deaths at all ages and deaths in infants in 1901-1920 was illustrated in a chart inserted therein. In the year under report, the total deaths at all ages fell from 53,609 in 1921 to 37,297 showing a decrease of 30 per cent. whilst the deaths among infants under one year of age fell by 35 per cent. from 12,751 to 8,236. These declines were chiefly due to the absence of Influenza in an epidemic form and the consequent fall in the number of deaths from diseases of the Respiratory System.

**Infant Mortality by Months.**—The subjoined table shows the number of deaths among infants in each month of the year and for comparison the monthly total number of deaths at all ages is also inserted.

| Age-Period. | Number of Deaths. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
| Under 1 year .. .. | 707 | 606 | 570 | 592 | 628 | 658 | 772 | 773 | 704 | 778 | 708 | 740 | 8,236 |
| All Ages .. .. | 3,576 | 3,351 | 3,345 | 3,389 | 2,890 | 2,520 | 2,858 | 2,983 | 2,848 | 3,307 | 3,028 | 3,202 | 37,297 |

Table No. 23 appended to the Report shows the number of deaths among infants under one year of age by causes and months.

**Infant Mortality by Races.**—The following table gives the death-rate among infants of the several races of the population calculated per 1,000 of births registered in the particular race or caste :—

INFANT MORTALITY BY CASTE AND INFANTILE DEATH-RATE PER 1,000 OF BIRTHS REGISTERED IN EACH CASTE IN 1922.

| Race or Caste. | | Deaths Under 1 Year. | Number of Births Registered. | Infant Mortality per 1,000 of Births Registered. |
|---|---|---|---|---|
| Hindus. | Jains ... ... ... ... ... ... ... ... | 194 | 118 | ...... |
| | Brahmins ... ... ... ... ... ... ... ... | 326 | 566 | 576 |
| | Lingaits ... ... ... ... ... ... ... ... | 67 | 100 | 670 |
| | Bhatias ... ... ... ... ... ... ... ... | 40 | 127 | 315 |
| | Banias ... ... ... ... ... ... ... ... | 146 | 414 | 353 |
| | Hindus of other Castes ... ... ... ... ... ... | 3,487 | 9,033 | 386 |
| | Hindus, Low Caste ... ... ... ... ... ... | 1,622 | 3,722 | 436 |
| Mussalmans (including Negro-Africans) ... ... ... ... | | 1,525 | 3,504 | 435 |
| Parsees ... ... ... ... ... ... ... ... ... | | 180 | 1,263 | 143 |
| Jews ... ... ... ... ... ... ... ... | | 68 | 255 | 267 |
| Indian Christians ... ... ... ... ... ... ... | | 488 | 1,021 | 478 |
| Anglo-Indians ... ... ... ... ... ... ... ... | | 42 | 109 | 385 |
| Europeans ... ... ... ... ... ... ... ... | | 28 | 188 | 149 |
| Buddhists ... ... ... ... ... ... ... ... | | 7 | 25 | 280 |
| Other and Unknown Castes ... ... ... ... ... ... | | 16 | 7 | ...... |
| Total ... | | 8,236 | 20,452 | 403 |

A number of the figures in this table, for castes which appear to habitually evade the registration of the births of their children are valueless, and where the calculation of the death-rate would produce the impossible figure of 1,000 or more the rate has been omitted. The rate for Jains for example exceeds 1,600 and would imply that the deaths among Jain infants were more than one and a half times as many as the number of infants in the Jain community.

Unfortunately other figures in the table, which are reliable, tend to show that the actual as well as the apparent infantile death-rate in Bombay must be one of the highest in the world.

Among Europeans and Parsees the registration of births may be assumed to be carried out in almost all cases. Nevertheless their recorded rates exceed 140 as compared with rates of less than 100 in England in spite of the fact that the proportion of the poor and very poor in these communities is insignificant compared with that of most of the other communities in Bombay.

These high rates among those in better circumstances, lend probability to the assumption that the excessive mortality recorded for other communities is in the main real and not to be accounted for by the non-registration of births.

They also suggest the presence in Bombay of some adverse factor in addition to the poverty and ignorance which are chiefly responsible for high rates in western countries. The added factor affecting all classes is probably Malaria ; another factor which can hardly fail to enhance the infant mortality among the more ignorant portions of the population is the practice of keeping babies quiet by the administration of opium.

**Infant Mortality by Sections.**—With a view to measuring the relative incidence of infant mortality in the different Sections of the City the following table is given showing the ratio of infantile deaths registered in each Section to the number of births registered in that particular Section :—

STATEMENT OF RATES OF DEATHS AMONG CHILDREN UNDER 1 YEAR PER 1,000 OF BIRTHS REGISTERED IN EACH SECTION IN 1921 AND 1922 AND PER 1,000 PERSONS OF ALL AGES IN 1922.

| Ward. | Sections. | 1921. | 1922. | |
|---|---|---|---|---|
| | | Deaths per 1,000 of Births. | Deaths per 1,000 of Births. | Deaths per 1,000 of all Ages. |
| A | Upper Colaba ... ... ... ... ... ... ... | 568 | 349 | 7·75 |
| | Middle and Lower Colaba ... ... ... ... ... | 640 | 421 | 5·58 |
| | Fort, South ... ... ... ... ... ... ... | 291 | 461 | 2·83 |
| | Fort, North ... ... ... ... ... ... ... | 618 | 377 | 5·35 |
| | Esplanade ... ... ... ... ... ... ... ... | 489 | 259 | 4·11 |
| B | Mandvi ... ... ... ... ... ... ... | 985 | 556 | 4·89 |
| | Chukla ... ... ... ... ... ... ... | 691 | 426 | 7·66 |
| | Umarkhadi ... ... ... ... ... ... ... | 553 | 366 | 8·30 |
| | Dongri ... ... ... ... ... ... ... ... | 679 | 371 | 8·01 |
| C | Market ... ... ... ... ... ... ... ... | 485 | 383 | 3·90 |
| | Dhobi Talao ... ... ... ... ... ... ... | 497 | 330 | 5·64 |
| | Fanaswadi ... ... ... ... ... ... ... | 632 | 412 | 5·89 |
| | Bhuleshwar ... ... ... ... ... ... ... | 655 | 454 | 6·85 |
| | Khara Talao ... ... ... ... ... ... ... | 579 | 412 | 8·29 |
| | Kumbharwada ... ... ... ... ... ... ... | 654 | 443 | 6·54 |
| D | Khetwadi ... ... ... ... ... ... ... | 461 | 260 | 5·18 |
| | Girgaum ... ... ... ... ... ... ... | 483 | 347 | 6·14 |
| | Chowpati ... ... ... ... ... ... ... | 351 | 262 | 5·41 |
| | Walkeshwar ... ... ... ... ... ... ... | 308 | 206 | 3·73 |
| | Mahalakshmi ... ... ... ... ... ... ... | 645 | 390 | 6·21 |
| E | Mazagon ... ... ... ... ... ... ... ... | 669 | 443 | 9·90 |
| | Tarwadi ... ... ... ... ... ... ... ... | 539 | 306 | 6·04 |
| | 2nd Nagpada ... ... ... ... ... ... ... | 859 | 520 | 9·68 |
| | Kamathipura ... ... ... ... ... ... ... | 728 | 392 | 7·07 |
| | Tardeo ... ... ... ... ... ... ... ... | 789 | 421 | 7·91 |
| | Byculla ... ... ... ... ... ... ... ... | 945 | 613 | 10·15 |
| | 1st Nagpada ... ... ... ... ... ... ... | 445 | 233 | 4·88 |
| F | Parel ... ... ... ... ... ... ... ... ... | 614 | 382 | 6·74 |
| | Sewri ... ... ... ... ... ... ... ... ... | 1,141 | 514 | 8·96 |
| | Sion ... ... ... ... ... ... ... ... ... | 1,005 | 462 | 7·65 |
| G | Mahim ... ... ... ... ... ... ... ... ... | 630 | 353 | 7·86 |
| | Worli ... ... ... ... ... ... ... ... ... | 640 | 375 | 7·39 |
| | Harbour, Docks, Railways and Unknown ... ... ... | ...... | ...... | 0·52 |
| | Total ... ... | 667 | 403 | 6·86 |

This table shows certain results which are in accordance with the results that might have been anticipated. Thus in Chowpati and Walkeshwar where the proportion of better class residents is high and in Esplanade the infantile death-rate, expressed as the number of deaths in infants under 1 year per 1,000 births, is comparatively low. But even so the lowest death-rate recorded in these three Sections was 206 for Walkeshwar whilst the rate for Chowpati exceeded 260.

With a view to throwing some light on the fallacy in these sectional rates resulting from the non-registration of births a third column has been added to the table in which the deaths under 1 year are shown in proportion to 1,000 of the population at all ages. Whilst this rate will not serve for comparison with those of other cities, it nevertheless affords some basis for the comparison of one Section of the City with another, subject to the error involved in the discrepancy in the age and sex composition of the sectional population on which the rates are cast.

Rates exceeding 500 were recorded for Mandvi, 2nd Nagpada, Byculla and Sewri, the rate for the City as a whole being 403 deaths per 1,000 births and 7 deaths per 1,000 of the total population. Cast on the total population the rates in all these sections except Mandvi exceeded 8 and were well above the average. In Mandvi the rate was only 5.

The discrepancy thus shown by the two rates for Mandvi suggests defective registration of births, a suggestion which is further supported by the fact that the recorded birth rate for Mandvi is only 8·79, the average for the City being 17·03.

INFANT MORTALITY BY THE NUMBER OF ROOMS OCCUPIED IN 1922.

| | Births. | | Deaths in Infants. | | Infant mortality per 1,000 births registered. | |
|---|---|---|---|---|---|---|
| | Number. | Percentage. | Number. | Percentage. | 1922. | 1921 |
| 1 Room and under .. | 15,079 | 73·72 | 7,102 | 86·23 | 470·9 | 828·5 |
| 2 Rooms .. .. | 973 | 4·75 | 424 | 5·14 | 435·7 | 321·9 |
| 3 Rooms .. .. | 351 | 1·71 | 148 | 1·79 | 421·6 | 191·4 |
| 4 or more rooms .. | 273 | 1·33 | 82 | 0·99 | 300·3 | 133·3 |
| Road-side .. .. | 44 | 0·21 | 17 | 0·20 | 386·3 | 484·8 |
| Hospitals .. .. | 3,732 | 18·24 | 463 | 5·62 | 150·5 | 189·6 |
| Total .. | 20,452 | 100·00 | 8,236 | 100·00 | 402·7 | 666·7 |

The percentage of population occupying tenements of one room and under to the total number of occupants in all classes of tenements in the City by the Census of 1921 was 65·88. Of the 20,452 births registered in the year 15,079 or 73·72 per cent. occurred in families living alone in a single room or sharing it with others, and the number of deaths in infants in this class of population was 7,102 or 86·23 per cent. of the total infant mortality.

It will be observed from the statement and the diagram 'C' inserted herein that the rate of deaths among infants in single room tenements per 1,000 births in such tenements during the year was 470·9 against 828·5 in 1921 and that the proportion of deaths to births varies inversely as the number of rooms occupied by the parents.

## Prevention of Infantile Mortality.

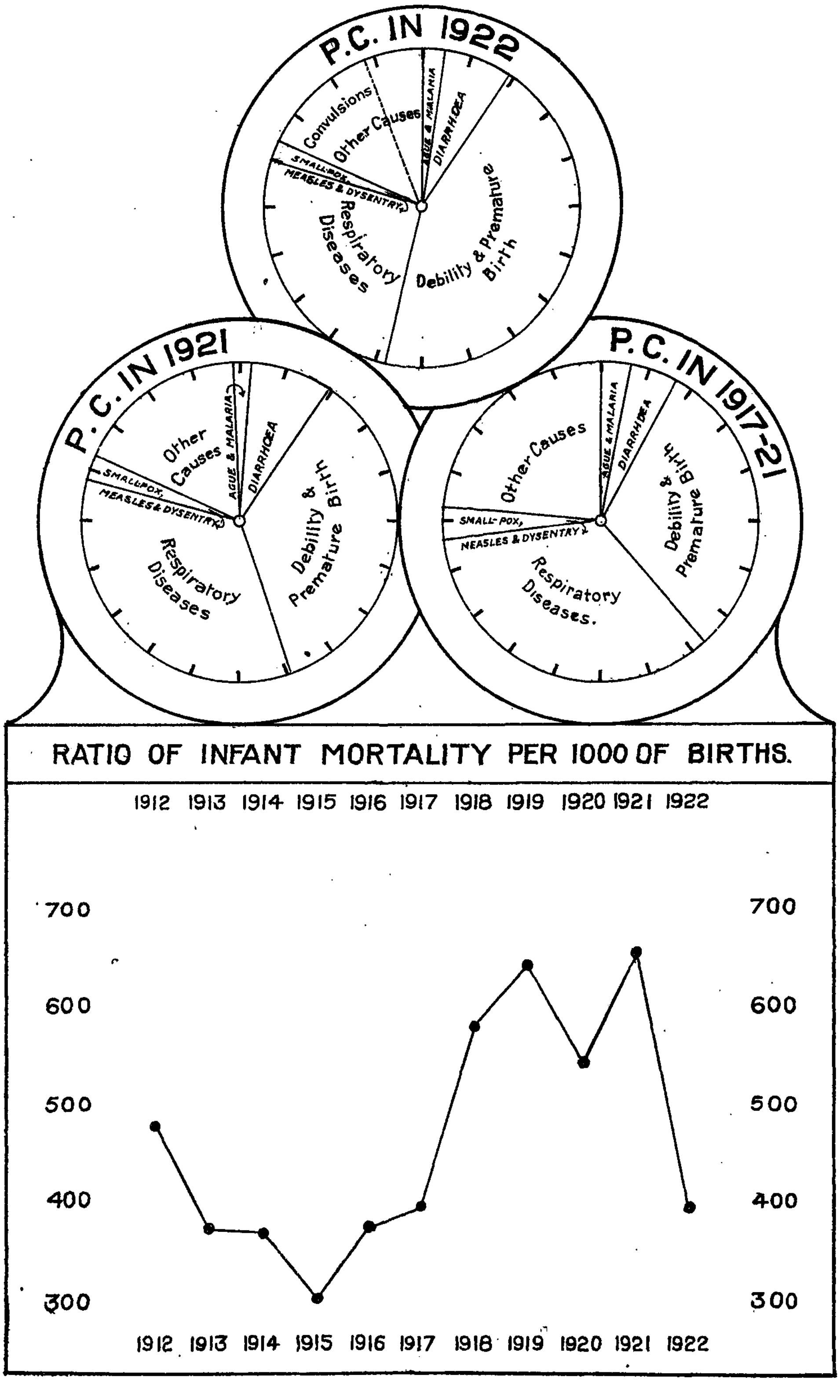
The work which is being done in Bombay for the reduction of infant mortality may be described under the following heads :—

(*i*) Visits by the Municipal District Nurses for the purpose of getting into touch with prospective mothers and for discovering cases of sickness especially among women and children and unvaccinated children ; for inquiry into the condition of new-born infants ; and for giving instruction by homely talks as to the care and rearing of children.

'C'

# DIAGRAM

## PERCENTAGE OF DEATHS FROM PRINCIPAL CAUSES TO THE TOTAL MORTALITY AMONG INFANTS IN 1922-1921 AND 1917-1921 AND THE RATE OF INFANT MORTALITY PER 1,000 BIRTHS REGISTERED DURING 1912-1922.



(*ii*) Attendance on confinements.

(*iii*) Provision of necessaries and comforts during the lying-in period.

(*iv*) Maternity Homes.

(*v*) Infant Milk Depots.

(*vi*) Infant Welfare Centres.

**Municipal Nurses.**—The number of Municipal Nurses employed is twenty, two being attached to each of the ten District Registrars' Offices. They are all qualified midwives and visit daily the localities and the chawls inhabited by the poor and help to diffuse and popularise elementary knowledge of the principles of health and hygiene and to carry such knowledge into the homes and lives of the ignorant; they give advice on the prevention of diseases and the care and up-bringing of infants and bring to the notice of the authorities unregistered births, unvaccinated children and cases of sickness; they also persuade prospective mothers to go to the Maternity Homes provided for them free. Where this provision is not taken advantage of, they attend on the women in their own houses providing them with bedding for their confinement, and with food in the shape of milk and bread during the first days of the puerperal period. The visits of the Nurses are frquently the means of bringing to the Municipal Dispensaries sick persons who would otherwise either not know of the existence of the facilities provided or knowing would through indifference and stupidity neglect to benefit by them. These visits are doing much good and are welcomed and appreciated by those for whose benefit they are paid.

**Summary of Work.**—During the year the Municipal Nurses paid 59,408 visits to houses, chawls and huts (against 25,968 in 1921), inquired into 4,434 cases of ordinary sickness, and reported 266 cases of infectious diseases and 1,045 deaths in the female population of the City. They also attended on 1,259 confinements (against 1,215 in 1921) and verified the reports of the Birth Karkuns on 7,997 births.

The following table summarises the information obtained by the Nurses in attendance on confinements and in visits to infants and young children :—

SUMMARY OF INQUIRIES AND OF WORK OF MUNICIPAL NURSES AND MIDWIVES, 1917-1922.

| | 1917. | 1918. | 1919 | 1920. | 1921. | **1922.** |
|---|---|---|---|---|---|---|
| Total number of births (including still-born) registered . | 23,539 | 23,799 | 22,744 | 21,609 | 21,207 | **22,368** |
| Percentage of still-births to the total number of births registered ... ... ... ... ... ... ... | 8·0 | 8·6 | 8·8 | 8·6 | 9·8 | **8·5** |
| Number verified by the Nurses ... ... ... .. | 15,183 | 13,256 | 11,330 | 12,903 | 12,819 | **13,365** |
| Percentage of the number verified to the total ... ... | 64·5 | 55·6 | 49·8 | 59·7 | 60·4 | **59·8** |
| Percentage of the confinements unattended ... ... | 4·9 | 4·4 | 5·1 | 3·3 | 4·1 | **6·1** |
| Percentage of the confinements attended by unskilled women ... ... ... ... ... ... ... | 57·9 | 55·4 | 58·5 | 61·0 | 56·8 | **59·9** |
| Percentage of the confinements attended by qualified Nurses (other than Municipal) ... ... ... .. | 5·0 | 5·6 | 4·8 | 4·5 | 5·1 | **6·7** |
| Percentage of the confinements attended by Municipal Nurses ... ... ... ... ... ... ... | 10·5 | 10·4 | 9·0 | 9·7 | 9·5 | **9·4** |
| Percentage of children born in Hospitals ... ... ... | 21·4 | 23·8 | 22·3 | 22·1 | 24·4 | **17·9** |
| Percentage of children born in healthy condition ... | 79·2 | 75·5 | 75·3 | 71·4 | 67·3 | **71·6** |
| Percentage of children fed on breast ... ... ... | 75·2 | 69·1 | 78·4 | 69·3 | 66·0 | **62·0** |
| Percentage of children dying within 30 days .. ... | 11·3 | 13·3 | 17·1 | 12·4 | 12·0 | **11·7** |
| Percentage of the cases where the mothers left home for work ... ... ... ... ... ... ... | 36·0 | 36·1 | 35·4 | 32·4 | 30·8 | **33·5** |

It will be seen from the foregoing table that of the total number of 22,368 births (including 1,916 still-births) registered in the City during the year, 13,365 or 59·8 per cent. were verified by the Municipal Nurses against 60·4 per cent. in 1921 and 59·7 per cent. in 1920.

Among the cases wherein enquiries were made the proportion of births wholly unattended was 6 per cent. and that of confinements attended by unskilled women 60 as against 4 and 57 respectively in 1921.

The percentage of confinements attended by qualified midwives (other than Municipal) was 6·7 against 5·1 in 1921 and that of confinements attended by Municipal midwives was 9·4 against 9·5 in the preceding year ; the percentage of children born in Hospitals (17·9) showed a decrease of 6·5.

The percentage of children born in healthy condition increased from 63 in the previous year to 71 and that of children fed on breast fell from 66 in 1921 to 62 in 1922.

The proportion of children dying within 30 days of birth was 11·7 against 12 per cent. in 1921.

The percentage of mothers who left home for work leaving their children to the care of others shows an increase of 2·7 per cent.

Relief to poor women during confinement in the shape of necessaries and comforts such as milk, bread, bed, blanket, charpoy and linen, etc., was continued during the year and dispensed in 265 cases against 342 in 1921 and 369 in 1920.

**Municipal Maternity Homes.**—There are three Municipal Maternity Homes (1) at Bellasis Road (21 beds), (2) at Parel (14 beds) and (3) at Imamwada (16 beds).

(1) **Bellasis Road.**—During the year 786 women were admitted in this Home against 745 in 1921.

(2) **Parel Road.**—In this Home 527 women were admitted against 487 in 1921.

(3) **Imamwada.**—In the Home at Imamwada 471 women were admitted during the year against 403 in 1921.

Thus the total number of women admitted in all the three Municipal Maternity Homes during the year was 1,784 against 1,635 in 1921. The number of cases confined in the three Homes was 1,627 against 1,444 in 1921.

STATEMENT OF CASES ADMITTED AND OF CASES CONFINED AT THE MUNICIPAL MATERNITY HOMES DURING DIFFERENT MONTHS OF 1922.

| MONTHS. | Bellasis Road Maternity Home. | | Parel Road Maternity Home. | | Mahomed Haji Sabu Sidik Maternity Home at Imamwada. | |
|---|---|---|---|---|---|---|
| | No. of Cases admitted. | No. of Cases confined. | No. of Cases admitted. | No. of Cases confined. | No. of Cases admitted. | No. of Cases confined. |
| January ... | 58 | 53 | 38 | 35 | 40 | 38 |
| February ... | 60 | 58 | 40 | 35 | 40 | 36 |
| March ... | 70 | 66 | 42 | 35 | 36 | 33 |
| April ... ... | 52 | 51 | 36 | 29 | 27 | 24 |
| May ... ... | 66 | 60 | 35 | 27 | 21 | 17 |
| June ... ... | 57 | 54 | 40 | 33 | 40 | 36 |
| July ... ... | 74 | 69 | 60 | 51 | 32 | 28 |
| August ... | 76 | 74 | 55 | 50 | 42 | 37 |
| September ... | 69 | 67 | 45 | 44 | 39 | 33 |
| October .. | 66 | 63 | 55 | 50 | 54 | 48 |
| November ... | 72 | 70 | 38 | 34 | 64 | 60 |
| December ... | 66 | 59 | 43 | 37 | 36 | 33 |
| Total ... | 786 | 744 | 527 | 460 | 471 | 423 |

The proposals under consideration for establishing a similar Home at Colaba have been deferred for the present under Corporation Resolution No. 8068 of 5th December 1921, and those for Homes at DeLisle Road and in the King Edward Memorial Hospital are still under the consideration of the Corporation.

**Infant Milk Depots.**—Two Infant Milk Depots have been established, one at the Bellasis Road and the other at the Parel Road Maternity Home for daily distributing pure milk free or at a nominal price, for the benefit of children born in the Homes or under the supervision of the Municipal Nurses. 21,358 seers were distributed at these depots during the year.

**Voluntary Welfare Centres.**—The Maternity and Child Welfare Scheme of Infant Welfare Society has made much progress. At the end of the year the centres established numbered five. The Society proposes to increase the number of these centres to ten and to provide through them (1) advice and instruction to mothers as to infant management, (2) medical aid and advice to infants, (3) Day Nurseries (Creches) and home visiting and (4) a staff of trained nurses for visiting the homes of infants. Each centre is in charge of a Supervisor who is a trained nurse and a midwife. She supervises the milk distribution and assists the Lady Doctor in charge in attending on babies and advising mothers on infant management. There is also a Health Visitor, who is a trained nurse midwife attached to each Centre. She visits the babies in the district and persuades their mothers to take advantage of the Infant Welfare Scheme.

During the year, 58,895 seers of milk were sold at 1 anna a seer and 8,021 seers given free; maltine was also given at half price or free as the case may be. The number of new admissions at the five centres was 1,798 and that of attendances for milk, medicine, treatment and advice 128,169.

The Tardeo Centre contains a creche.

## METEOROLOGY OF 1922.

Table No. 33 appended to the Report gives the Meteorological data of 1922.

**Rainfall.**—The total rainfall recorded at the Colaba Government Observatory during 1922 was 70·96 inches against 86·02 in 1921 and 41·05 in 1920 and was 0·19 inches below the normal (71·15). Rain fell on 111 days during the year against 101 days in 1921 and 98 days in 1920; 26·63 inches on 24 days in June, 31·00 inches on 30 days in July, 5·15 inches on 29 days in August, 7·43 inches on 24 days in September, 0·61 inches on 3 days in October and 0·14 inches on 1 day in December.

The maximum monthly rainfall was 31·00 inches in July against 35·67 in the same month of 1921.

# EPIDEMIC AND OTHER DISEASES.

## EPIDEMIC AND OTHER DISEASES.

**Notification of Infectious Diseases.**—The total number of cases of infectious disease registered during the year was 3,130. Under Section 421 of the Municipal Act, 691 were notified by Medical practitioners, as against 1,075 in 1921. Five cases were notified by Hakims and Vaidyas, who are not required by law to notify. 2,439 cases or 78 per cent. of the total number were found and reported by the District Registrars.

Since fees are not paid to the Municipal Registrars for the cases they find and report and since such cases are not certified on the official form of certificate, they are not included in the number of cases notified under Section 421 of the Act.

The diseases to which the notifications received related are set out by Sections in Table No. 4 ( Appendix ).

| Year. | Number of Notifications received from | | | Reported by Municipal Registrars. | Percentage of total Notifications to total number of Cases Registered. |
|---|---|---|---|---|---|
| | Medical Practitioners. | Hakims and Vaidyas. | Total. | | |
| 1918 ... .. | 1,962 | ... | 1,962 | 11,987 | 14·0 |
| 1919 ... ... | 2,714 | 1 | 2,715 | 20,752 | 11·5 |
| 1920 ... ... | 1,143 | ... | 1,143 | 3,483 | 24·7 |
| 1921 ... ... | 1,075 | 8 | 1,083 | 3,280 | 24·8 |
| 1922 ... ... | 691 | 5 | 696 | 2,439 | 22·2 |

**Plague.**—During the year Plague assumed epidemic proportions for 8 weeks—weeks ending 4th and 11th March and again from week ending 1st April to that ending 6th May 1922. The number of Plague attacks during the year was 759 against 1,031 in 1921 and 347 in 1920. The disease caused 632 deaths in the year against 811 in 1921, 929 the quinquennial average for the preceding five years and 1,450 the average for 1912-1921. The mortality among reported cases was 83 per cent. as against 78 in the previous year.

The death-rate from Plague during the year was 0·52 per 1,000 persons living. The sex distribution of deaths from Plague during the year was 463 males and 169 females ; the ratio per 1,000 of sex population being 0·58 among males and 0·40 among females as against 0·77 and 0·52 respectively in 1921.

The incidence of fatal Plague on the two sexes at different age periods is shown in Table No. 27 (Appendix).

The distribution of Plague deaths among different castes during the year is shown in Table No. 24 and the death-rate in Table No. 25 (Appendix).

The highest death-rate (2·69) from the disease was returned for Middle and Lower Colaba Section and the lowest 0·02 for Girgaum (*vide* Table No. 12 appended).

**Plague Measures.**—The usual preventive and precautionary measures such as (i) Inoculation, (ii) Rat Destruction, (iii) Evacuation and (iv) Disinfection were continued during the year.

(*i*) Inoculation :—

The number of inoculations performed during the year was 10,226 against 15,687 in 1921 as shown in the following table :—

| Months. | Inoculations performed by | | | Total. |
|---|---|---|---|---|
| | H. M.'s Common Prison. | Bombay Bacteriological Laboratory. | District Registrars. | |
| January ... ... ... ... | 542 | 1 | 473 | **1,016** |
| February ... ... ... ... | 411 | 16 | 4,020 | **4,447** |
| March ... ... ... ... | 502 | 51 | 63 | **616** |
| April ... ... ... ... | 416 | 51 | 482 | **949** |
| May ... ... ... ... | 438 | 8 | 28 | **474** |
| June ... ... ... ... | 339 | 23 | ... | **362** |
| July ... ... ... ... | 311 | 4 | 77 | **392** |
| August ... ... ... ... | 391 | 4 | ... | **395** |
| September ... ... ... | 282 | 15 | ... | **297** |
| October ... ... ... | 402 | 15 | ... | **417** |
| November ... ... ... | 400 | 27 | 11 | **438** |
| December... ... ... ... | 413 | 9 | 1 | **423** |
| Total .. | 4,847 | 224 | 5,155 | **10,226** |

(ii) Rat Destruction :—

The total number of rats collected and destroyed during the year was 755,938 against 708,587 in 1921. It will be seen from the following statement that of the 755,938 rats collected and sent to the Parel Laboratory, 344,646 were examined and 6,400 were found infected giving a ratio of 1·85 infected rats per 100 rats examined as compared with a ratio of 3·37 in 1921 :—

STATEMENT SHOWING THE NUMBER OF RATS SENT TO THE PAREL LABORATORY, THE NUMBER EXAMINED AND THE NUMBER FOUND INFECTED IN 1922.

| Months. | Number of rats sent to the Parel Laboratory. | Number of Rats Examined. | Number of Rats found Infected. | Ratio per cent. |
|---|---|---|---|---|
| January ... ... ... | 67,659 | 35,431 | 366 | 1·03 |
| February ... ... ... | 63,348 | 34,329 | 863 | 2·51 |
| March ... ... ... | 68,865 | 37,393 | 1,259 | 3·36 |
| April ... ... ... | 65,723 | 34,491 | 1,230 | 3·56 |
| May ... ... ... | 56,369 | 28,146 | 721 | 2·56 |
| June ... ... ... | 51,135 | 22,438 | 367 | 1·63 |
| July ... ... ... | 51,423 | 20,385 | 283 | 1·38 |
| August ... ... ... | 56,643 | 21,351 | 266 | 1·24 |
| September ... ... ... | 60,706 | 23,461 | 251 | 0·85 |
| October ... ... ... | 70,118 | 27,387 | 241 | 0·87 |
| November ... ... ... | 70,784 | 30,494 | 267 | 0·87 |
| December ... ... ... | 73,165 | 29,340 | 286 | 0·97 |
| Total ... | 755,938 | 344,646 | 6,400 | 1·85 |

The percentage of infected rats rose from 1·03 in January to 3·56 in April and then declined gradually to 0·85 in September.

(iii) Evacuation :—

To induce evacuation of congested and infected areas, temporary Municipal Health Camps were established as in previous years, at Colaba (1st Koli Lane), Agripada, Nowroji Hill, Annesley Road, Chinchpoogli, Arthur Road, Mahim Gardens and near Mahim Railway Station. The semi-permanent Health Camps at Koli Lane (Colaba), Suklaji Street, Tardeo, Arthur Road, Chinchpoogli (at the junction of DeLisle Road and Arthur Road) and Mahim Station were maintained in a state of repair during the monsoon months.

(iv) Disinfection.—

For the destruction of the rat fleas, which convey the infection of Plague, all rooms in which cases of Plague either in rats or in men had occurred were disinfested with Pesterine. Infected bedding is disinfected by steam.

**Small-pox**.—Small-pox was prevalent in the city throughout the year and caused 61 deaths against 406 in 1921, 294 in 1920 and 560 the average for the preceding ten years (1912-1921). The number of attacks from Small-pox registered during the year was 130 (including 11 imported cases) against 857 attacks (including 77 imported cases) in 1921.

The death-rate from Small-pox during the year was 0·05 against 0·34 in 1921, 0·30 in 1920 and 0·56 the average during the preceding decennium.

As usual, the death-rate from Small-pox attained its maximum between March and May and fell to a low figure in the subsequent months of the year, *vide* Table 10 (Appendix).

Of the total number of 61 deaths from Small-pox, 39 were in males and 22 in females ; the ratio per 1,000 of sex population being 0·04 among males and 0·05 among females.

Eight deaths from Small-pox occurred in children under one year of age and 19 deaths in children aged 1-5 years. Of the total deaths, 27 or 44 per cent. thus occurred in the first five years of life as in 1921.

The highest number (15) of deaths from Small-pox was recorded in Worli Section, as against 37 in Byculla Section in 1921 while in 13 out of 32 Sections no deaths occurred (*vide* Table No. 10 Appendix).

**Vaccinal Condition of Infants who died of Small-pox**.—None of the 8 infants under one year of age who died of Small-pox during the year, was vaccinated.

**Vaccination**.—The number of Vaccination Stations including the Central Vaccination Depot at Suparibag Road was increased from 16 to 19 in April 1921. Three stations are open in the morning on every Monday, Wednesday, Friday and Saturday and two on every morning during the rest of the week. The station at Princess Street is open every Sunday morning and on week days during the afternoon hours only.

The total number of primary vaccinations and of re-vaccinations performed during the year was 18,886 and 8,903 as against 18,267 and 20,341 respectively in 1921. Further particulars are shown in the report of the Superintendent of Vaccination and in Tables Nos. 30, 31, and 32 appended to this Report.

The proportion of primary vaccination (14,125) in children under one year of age to the total number of births (20,452) registered during the year was 69·06 per cent.

**Vaccination Tubes Tested**.—434 capillary tubes of glycerinated vaccine prepared at the Municipal Central Depot were bacteriologically examined by the Municipal Analyst during the year. No pathogenic micro-organisms were reported in any of the tubes examined and no emulsions had to be rejected as a result of the bacteriological tests (reference, Corporation Resolution No. 8107 of 19th March 1917).

**Cholera**.—The numbers of attacks and deaths during the year were 22 and 15 as against 104 and 70 respectively in 1921. Of the total number of cases 1 was imported.

The death-rate from Cholera was 0·01 as against 0·05 in 1921 and 2·03 the average rate during 1917-1921. During the year under report Cholera did not reach epidemic proportions and was of the mildest type on record since 1848.

Of the total number of deaths (15), 9 were among males and 6 among females.

The number of deaths and the death-rate from Cholera in each Section of the City are set out in Table No. 9 and the incidence by age-periods in Table No. 27 (Appendix).

**Influenza**.—The number of deaths registered as due to Influenza during the year was 528 and that of diseases of the Respiratory System to which deaths from Influenza are frequently attributed was 13,614 as against 1,389 and 21,982 respectively in 1921. The number of deaths (528) from Influenza in 1922 was 1,253 less than the average of the last five years (1917-1921)

Of the 528 deaths from Influenza, 378 were among males and 150 among females ; the death rates per 1,000 of the sex population were respectively 0·48 and 0·36.

Table No. 27 appended to this Report shows the incidence of the disease by age-periods, Table No. 8 by months, Table No. 20 by Sections and Table No. 24 by caste or race.

**Tuberculosis.**—The number of deaths from Tuberculosis was 1,473 and the death-rate 1·22 per 1,000 of the population. Of these, 1,325 were due to Phthisis (Pulmonary Tuberculosis) and 148 to other Tuberculous Diseases. The number of deaths and the death-rates from Tuberculosis since 1912 are shown below :—

| Year. | No. of Deaths. | Death-rate per 1,000. |
|---|---|---|
| 1922 .. .. .. .. .. .. | 1,473 | 1·22 |
| 1921 .. .. .. .. .. .. | 1,614 | 1·37 |
| 1917-1921 .. .. .. .. | 2,173 | 2·13 |
| 1912-1921 .. .. .. .. | 2,131 | 2·13 |

There were 758 deaths among males and 715 among females. The disease caused a greater number of deaths among persons in the age-group of 20 to 30 years than in any other age period, *vide* Table No. 27 (Appendix).

The monthly variation in the number of deaths in each Section together with the death-rate from Tuberculosis is set out in Table No. 17 and the death-rate among different castes in Table No. 25 (Appendix).

## The Anti-Tuberculosis League.

The work in connection with the prevention and treatment of Tuberculosis in the City is being carried on by the King George V Anti-Tuberculosis League in close co-operation with the Health Department. The League has two dispensaries for Out-patients and a Sanatorium for In-patients on Bhoiwada Hill at Parel. The Sanatorium contains 32 beds and has recently been named the "Turner" Sanatorium in commemoration of the late Dr. J. A. Turner who in the joint capacity of Honorary Secretary to the League and Executive Health Officer did so much towards securing the premises for the treatment of patients suffering from tuberculosis.

Each dispensary is in charge of a Medical Officer and three nurses are employed by the League for visiting the patients who attend and seeing that they follow in their homes the advice which they receive. All cases coming to the notice of the League Medical Officers are reported to the Health Officer and the District Registrars for action where necessary under the Municipal Act. The District Registrars in turn report unnotified patients to the Tuberculosis Dispensaries so that their homes may come under the supervision of the League.

During the year under report the total number of Tuberculous patients treated at the Princess Street and Kamathipura Dispensaries was 1,181 ; the number treated in 1921 was 1,007.

The racial and sex distribution of these cases was as under :—

| | Males. | Females. | Total. |
|---|---|---|---|
| Hindus .. .. .. .. .. .. .. .. .. | 260 | 227 | 487 |
| Mussalmans .. .. .. .. .. .. .. .. | 150 | 262 | 412 |
| Parsees .. .. .. .. .. .. .. .. .. | 58 | 53 | 111 |
| Christians .. .. .. .. .. .. .. .. | 76 | 72 | 148 |
| Jews .. .. .. .. .. .. .. .. .. | 13 | 10 | 23 |
| Total .. | 557 | 624 | 1,181 |

Of the 1,181 cases, 920 were cases of Pulmonary Tuberculosis and 261 of Surgical Tuberculosis.

The Medical Officers paid 1,320 domiciliary visits to see patients too ill to attend the Dispensary.

During the year, 132 new patients were admitted to the Sanatorium. Of these 32 were discharged apparently cured, 50 were discharged at their own request, 26 died and 24 were under treatment at the end of the year.

The racial distribution of the patients was as follows:—

| | |
|---|---|
| Hindus | 36 |
| Mussalmans | 23 |
| Parsees | 11 |
| Christians | 59 |
| Jews | 2 |
| Europeans | 1 |
| Total | 132 |

Owing to the inadequate provision of hospital accommodation for advanced cases in the City a number of such cases were admitted into the Sanatorium with a view to preventing the spread of infection at home and to affording the unfortunate patients a cheerful and comfortable spot where they could pass their last days under skilled supervision.

In the Sanatorium a judicious regulation of rest and exercise is observed. A few parlour games and a small library are provided for the inmates. Exercise is provided by light physical drill, the cleaning and repairing of furniture, gardening, etc., under the orders of the Resident Medical Officer and of the Honorary Consulting Physician. The X-Ray Apparatus for the early diagnosis of Pulmonary Tuberculosis and the treatment of tuberculous glands has given excellent results in the hands of Dr. Chiriaieff the operator working under Dr. A. K. Contractor, M. D., &c., who has generously given his service as Honorary Radiologist to the League.

**Malaria, Ague and Remittent Fevers.**—Malaria was registered as the cause of 485 deaths, and 2,703 deaths were registered as due to Ague and Remittent Fevers. Under the last two heads a number of deaths are no doubt included which were due not to Malaria but to one or other of the various diseases such as Typhoid, Tuberculosis, Relapsing Fever and Influenza, in which fever may be a prominent symptom.

The numbers of deaths from Malaria and Ague and Remittent Fever in 1922 were 485 and 2,703, and the annual averages in the ten years 1912-1921 as shown in Table No. 21 were 286 and 3,047 deaths respectively.

Deaths from Malaria and Ague and Remittent Fevers are shown by months and Sections in Table No. 13, by Race in Table No. 24 and by Ages and Sex in Table No. 27 appended to the Report.

Out of the total number of 485 deaths due to Malaria—

112 were certified by Medical Practitioners,
154 were certified by Hospitals,
50 roadside cases were certified by the Police and,
169 were verified by the staff—by making enquiries from relatives.

**Malaria Cases and Deaths in Military Hospitals.**—The following table shows the number of cases admitted in the different Military Hospitals in the City during the last four years :—

| 1919. | | 1920. | | 1921. | | 1922. | |
|---|---|---|---|---|---|---|---|
| Attacks. | Deaths. | Attacks. | Deaths. | Attacks. | Deaths. | Attacks. | Deaths. |
| 3,186 | 39 | 2,343 | 5 | 2,474 | 16 | 793 | 2 |

## Anti-Malarial Measures.

Measures for gauging the incidence of Malaria were continued during the year. The Malaria staff consisting of 2 Medical Inspectors, 16 Sub-Inspectors, 4 Muccadums and 32 coolies continued to work under the direct supervision of the respective Assistant Health Officers of the seven Wards of the City under the general supervision of the Second Senior Assistant Health Officer. The number of Sub-Inspectors and coolies was increased by 10 and by 20 respectively from the onset of the monsoon as the death-rate from Malaria showed a sharp rise and as many cases were known to be occurring in the City.

**Spleen Examination.**—Visits were paid to houses and chawls of the poor and to charitable institutions and children were examined for enlarged spleen. The results are embodied in the following table:—

SPLEEN EXAMINATION BY SECTIONS AND WARDS, 1922.

| Ward. | Sections. | Total No. of children examined. | No. found with enlarged spleen. | Percentage. | Remarks. |
|---|---|---|---|---|---|
| A | Upper Colaba | 94 | 8 | 8·51 | |
| | Middle & Lower Colaba | | | | |
| | Fort, South | 63 | 9 | 14·28 | |
| | Fort, North | 383 | 42 | 10·96 | |
| | Esplanade | 448 | 51 | 11·13 | |
| | Total | 988 | 110 | 11·13 | |
| B | Mandvi | 132 | 13 | 9·84 | |
| | Chuckla | 45 | 4 | 8·88 | |
| | Umarkhadi | 167 | 18 | 10·77 | |
| | Dongri | 204 | 21 | 10·29 | |
| | Total | 548 | 56 | 10·21 | |
| C | Market | 220 | 27 | 12·27 | |
| | Dhobi Talao | 685 | 94 | 13·72 | |
| | Fanaswadi | 212 | 27 | 12·73 | |
| | Bhuleshwar | ... | ... | ... | |
| | Khara Talao | 203 | 6 | 2·95 | |
| | Kumbharwada | 124 | 3 | 2·41 | |
| | Total | 1,444 | 157 | 10·87 | |
| D | Khetwadi | 170 | 8 | 4·7 | |
| | Girgaum | 306 | 18 | 5·88 | |
| | Chowpati | ... | ... | ... | |
| | Walkeshwar | 148 | 7 | 4·72 | |
| | Mahalakshmi | 551 | 22 | 3·99 | |
| | Total | 1,175 | 55 | 4·68 | |
| E | Mazagon | .. | | ... | |
| | Tarwadi | 167 | 11 | 6·52 | |
| | 2nd Nagpada | 55 | 2 | 3·63 | |
| | Kamatipura | ... | ... | ... | |
| | Tardeo | ... | .. | ... | |
| | Byculla | 966 | 48 | 4·96 | |
| | 1st Nagpada | 90 | 7 | 7·77 | |
| | Total | 1,278 | 68 | 5·32 | |
| F | Parel | 282 | ... | ... | |
| | Sewri | ... | .. | ... | |
| | Sion | .. | ... | ... | |
| | Total | 282 | ... | ... | |
| G | Mahim | ... | ... | ... | |
| | Worli | ... | ... | ... | |
| | Total | ... | ... | ... | |
| | Grand Total | 5,715 | 446 | 7·80 | |

The spleen rate for the whole City was 7·80 against 5·92 in 1921 and 4·41 in 1920. The Sections in which the spleen rate was higher than the mean of the whole City were Fort North, Esplanade, Dhobi Talao and Fanaswady. The rise in Fort North and Esplanade was due to a large number of labourers working on the Ballard Estate. The following table shows the comparative spleen rate for these Sections in 1922 and the preceding five years :—

| Sections. | 1917. | 1918. | 1919. | 1920. | 1921. | 1922. |
|---|---|---|---|---|---|---|
| Fort, North .. .. | 5·21 | 4·73 | 4·56 | 7·37 | 10·21 | 10·96 |
| Esplanade .. .. | 4·44 | 2·96 | 5·65 | 7·04 | 8·77 | 11·13 |
| Dhobi Talao .. .. | 3·91 | 3·37 | 4·22 | 6·26 | 8·62 | 13·72 |

The spleen rates in respect of Fort North, Esplanade and Dhobi Talao showed a declining tendency upto 1919, but thereafter they all gradually rose higher. All the Sections noted above showed higher spleen rates in 1922 than in the preceding five years.

The following table shows the spleen rate by castes in 1922, as compared with the preceding three years :—

| Castes. | 1922. | | | Percentage. | | |
|---|---|---|---|---|---|---|
| | Total number of children, examined. | Number found with enlarged spleen. | Percentage. | 1921. | 1920. | 1919. |
| Hindus .. .. | 5,179 | 419 | 8·10 | 5·88 | 4·21 | 1·23 |
| Mussalmans .. .. | 176 | 18 | 10·22 | 4·94 | 3·90 | 2·45 |
| Parsees* .. .. | 282 | .. | .. | 10·00 | 12·71 | 6·60 |
| Indian Christians .. | 76 | 8 | 10·52 | 7·04 | 4·08 | 0·57 |
| Total .. | 5,713 | 445 | ...... | ...... | ...... | ...... |

* The 282 Parsee children were in the J. N. Petit Orphanage, Parel, where regularly quinine is given by the school authorities. No enlarged spleens were found there.

The Medical Inspectors appointed by the Schools Committee examined the spleens of children attending the Municipal Schools. The result of their examination is shown in the following table:—

| Kind of School. | Number of pupils examined. | Number of pupils found with enlarged spleen. | Percentage. |
|---|---|---|---|
| Marathi .. .. .. .. .. .. .. | 11,299 | 604 | 5·34 |
| Gujrathi .. .. .. .. .. .. | 4,951 | 291 | 5·87 |
| Urdu .. .. .. .. .. .. .. | 3,423 | 151 | 4·41 |
| Total .. | 19,673 | 1,046 | 5·31 |

A cosmopolitan School conducted by Parsi Head Masters in Esplanade Section has engaged its own medical man to examine the students attending this school. The result of spleen examination furnished by the Head Master is shown in the following table :—

| Castes. | Number of students examined. | Number having enlarged spleen. | Percentage. |
|---|---|---|---|
| Parsees .. .. .. .. .. .. .. .. .. .. .. | 885 | 47 | 5·31 |
| Hindus .. .. .. .. .. .. .. .. .. .. .. | 532 | 31 | 5·82 |
| Mahomedans .. .. .. .. .. .. .. .. .. .. | 396 | 18 | 4·54 |
| Total .. | 1,813 | 96 | 5·29 |

This result as regards the Hindus and Mahomedans almost tallies with the result of the examination conducted by the Medical Inspectors under the Schools Committee as shown below :—

| | Schools. Committee. | Cosmopolitan School. |
|---|---|---|
| Marathi and Gujrathi .. .. .. .. | 5·50 | 5·82 |
| Urdu .. .. .. .. .. .. .. | 4·41 | 4·54 |

**Random Sampling.**—The following table shows the parasite rate by Wards and Sections:—

| Ward. | Sections. | No. of slides examined. | Number in which parasites were found. | Percentage. |
|---|---|---|---|---|
| 'A' | Fort, North .. .. .. .. | 83 | 5 | 6·02 ⎫ |
| | Esplanade .. .. .. .. .. | 242 | 19 | 7·84 ⎬ 6·76 |
| | Colaba .. .. .. .. .. | 45 | 1 | 2·22 ⎭ |
| D | Girgaum .. .. .. .. .. | 27 | 1 | 3·7 ⎫ |
| | Chowpaty .. .. .. .. .. | 48 | 2 | 4·16 ⎬ 2·94 |
| | Mahalakshmi .. .. .. .. | 27 | 0 | 0·00 ⎭ |
| E | Byculla .. .. .. .. .. | 85 | 2 | 2·35 |
| | Total .. | 557 | 30 | 5·38 |

The following table shows at a glance the spleen and parasite rates and the number of deaths from Malaria by Wards from 1919 to 1922 :—

| Wards. | Spleen Rate. | | | | Parasite Rate. | | | | Mortality. | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1919. | 1920. | 1921. | 1922. | 1919. | 1920. | 1921. | 1922. | 1919. | 1920. | 1921. | 1922. |
| A .. .. .. | 4·61 | 6·22 | 8·38 | 11·13 | 0·66 | 4·49 | 7·14 | 6·76 | 50 | 86 | 181 | 108 |
| B .. .. .. | 1·98 | 3·14 | 4·36 | 10·21 | .. | .. | .. | .. | 26 | 44 | 45 | 33 |
| C .. .. .. | 2·97 | 4·50 | 6·74 | 10·87 | .. | 4·54 | .. | .. | 32 | 36 | 47 | 63 |
| D .. .. .. | 0·83 | 1·68 | 4·17 | 4·68 | .. | 2·56 | 5·17 | 2·94 | 24 | 34 | 75 | 98 |
| E .. .. .. | 2·11 | 2·11 | 3·54 | 5·32 | .. | 2·00 | 3·48 | 2·35 | 76 | 62 | 110 | 85 |
| F .. .. .. | 1·40 | 3·06 | 1·33 | .. | .. | .. | .. | .. | 35 | 10 | 39 | 39 |
| G .. .. .. | .. | 12·47 | 22·04 | .. | .. | .. | .. | .. | 10 | 26 | 12 | 23 |

## PREVENTIVE WORKS.

**Quinine Distribution.**—Free distribution of Quinine tablets was continued during the year. The quantity thus distributed was as under :—

| | |
|---|---|
| Quinine tablets gr. ii .. .. .. .. .. .. .. | 8,400 |
| ,, ,, ,, iv .. .. .. .. .. .. | 3,125 |
| ,, ,, ,, v .. .. .. .. .. .. | 1,250 |
| Cinchona Febrifuge tablets 3½ gr. .. .. .. .. | 30,090 |

In addition to this, 69 lbs. of Quinine Sulphate powder and 102 ounces of Cinchona Febrifuge powder were supplied to the twelve Municipal Dispensaries, two Infectious Diseases Hospitals and three Maternity Homes.

The following table shows the number of prosecutions instituted during the year with their results :—

| Number of cases instituted. | Number of cases complied with. | Number of cases | | | Number pending. |
|---|---|---|---|---|---|
| | | Withdrawn. | Acquitted. | Fined. | |
| 656 | 360 | 199 | 1 | 65 | 31 |

The following table shows the number of wells by Wards and Sections filled in, protected and examined for larvæ in 1922:—

| Ward. | Sections. | Number of Wells. |  | No. of Wells Covered. |  | No. of Wells |  |  |
|---|---|---|---|---|---|---|---|---|
|  |  | Total. | Filled in. | Completely. | With trap door. | Examined for Larvæ. | Found Breeding. | Found not Breeding. |
| A | Upper Colaba ... ... ...<br>Middle and Lower Colaba ... ... | 65 | ... | ... | ... | 24 | 2 | 22 |
|  | Fort, South ... ... ... | 54 | ... | ... | ... | 10 | 3 | 7 |
|  | Fort, North ... ... ... | 542 | ... | ... | ... | 308 | 62 | 246 |
|  | Esplanade ... ... ... | 71 | ... | ... | ... | 31 | ... | 31 |
|  |  | 732 | ... | ... | ... | 373 | 67 | 306 |
| B | Mandvi ... .. ... ... | 76 | ... | ... | ... | 45 | 4 | 41 |
|  | Chukla ... ... ... ... | 79 | .. | ... | ... | 18 | 2 | 16 |
|  | Umarkhadi ... ... ... | 51 | ... | 1 | ... | 13 | 1 | 12 |
|  | Dongri ... ... ... | 16 | ... | ... | ... | 2 | 1 | 1 |
|  |  | 222 | ... | 1 | ... | 78 | 8 | 70 |
| C | Market ... ... ... ... | 278 | 2 | 2 | ... | 158 | 43 | 115 |
|  | Dhobi Talao ... ... ... | 409 | 2 | 1 | ... | 359 | 55 | 304 |
|  | Fanaswadi ... ... ... | 253 | 3 | 1 | ... | 187 | 58 | 149 |
|  | Bhuleshwar ... ... ... | 174 | 3 | 2 | 2 | 102 | 34 | 68 |
|  | Khara Talao ... ... ... | 11 | 2 | ... | ... | 4 | 1 | 5 |
|  | Kumbharwada ... ... ... | 50 | ... | ... | ... | 17 | 12 | 5 |
|  |  | 1,175 | 12 | 6 | 2 | 827 | 183 | 644 |
| D | Khetwadi ... ... ... | 242 | ... | 1 | ... | 225 | 6 | 219 |
|  | Girgaum ... ... ... ... | 333 | ... | 1 | ... | 215 | 6 | 209 |
|  | Chowpati... ... ... ... | 156 | ... | 1 | 1 | 150 | 2 | 148 |
|  | Walkeshwar ... ... ... | 143 | 1 | ... | 1 | 230 | 9 | 221 |
|  | Mahalakshmi ... ... ... | 144 | 4 | ... | ... | 195 | 13 | 182 |
|  |  | 1,018 | 5 | 3 | 2 | 1,015 | 36 | 979 |
| E | Mazagon ... ... ... ... | 101 | ... | ... | ... | 70 | 8 | 62 |
|  | Tarwadi ... ... ... ... | 116 | 1 | 1 | ... | 85 | 18 | 67 |
|  | 2nd Nagpada ... ... ... | 9 | ... | ... | ... | 2 | 1 | 1 |
|  | Kamathipura ... ... ... | 12 | ... | ... | ... | 3 | 2 | 1 |
|  | Tardeo ... ... ... ... | 36 | ... | ... | ... | 29 | 4 | 25 |
|  | Byculla ... ... ... ... | 104 | 2 | ... | ... | 25 | 10 | 15 |
|  | 1st Nagpada ... ... .. | 2 | ... | ... | ... | 1 | 1 | ... |
|  |  | 380 | 3 | 1 | ... | 215 | 44 | 171 |
| F | Parel ... ... ... ... | 98 | ... | 1 | 3 | 10 | 5 | 3 |
|  | Sewri ... ... ... ... | 109 | ... | ... | ... | 19 | 8 | 11 |
|  | Sion ... ... ... ... | 309 | 16 | 3 | 2 | 33 | 24 | 9 |
|  |  | 516 | 16 | 4 | 5 | 62 | 39 | 23 |
| G | Mahim ... ... ... .. | 484 | 2 | 2 | 1 | 484 | 75 | 409 |
|  | Worli ... ... ... ... | 212 | 3 | 1 | 1 | 212 | 30 | 182 |
|  |  | 696 | 5 | 3 | 2 | 696 | 105 | 591 |
|  | TOTAL .. | 4,739 | 41 | 18 | 11 | 3,266 | 482 | 2,784 |

**Mosquito-proof Condition of Wells already Protected.**—Many wells which were once covered and rendered mosquito-proof were detected with trap-doors left open or covers in a non-mosquito-proof condition. Fresh action had to be taken in all such cases.

**Cisterns.**—A large number of cisterns were found in a non-mosquito-proof condition owing to the detachment of the cement round the margins of the flat manhole covers. In all such cases an accurately fitting hinged iron cap should be provided to cover the manhole which is constructed with a projecting rim to fit the cap. An attachment is also provided which enables the cap to be locked in position by a padlock.

**Storm-water Entrances.**—New "closable covers" are now being fixed and serve the object of preventing the breeding of mosquitoes in the dry season.

**Road Watering Hydrants.**—Most of these hydrants are tampered with by outsiders who draw water from them and frequently leave them open.

**Deaths in Institutions.**—The following table shows the number of cases and deaths in the different institutions in the City from Malaria during the year 1922 :—

| | | Admissions. | Deaths. |
|---|---|---|---|
| (1) | Colaba British War Hospital .. .. .. | 440 | 1 |
| (2) | Marine Lines War Hospital .. .. .. | 353 | 1 |
| (3) | St. George's Hospital .. .. .. .. | 1,537 | 25 |
| (4) | Goculdas Tejpal Hospital .. .. .. | 859 | 34 |
| (5) | Cama and Albless Hospital .. .. .. | 259 | 1 |
| (6) | J. J. Hospital .. .. .. .. .. | 1,798 | 72 |
| (7) | Police Hospital .. .. .. .. .. | 4,194 | 1 |
| (8) | G. I. P. Ry. Infirmary .. .. .. .. | 4,389 | *Nil.* |
| (9) | Dr. Massina's Hospital .. .. .. .. | 254 | 9 |

The following table shows the summary of work done during the year 1922 :—

| | |
|---|---|
| Number of wells filled in .. .. .. .. .. | 41 |
| „ „ hermetically covered .. .. .. | 18 |
| „ „ covered with trap doors .. .. .. | 11 |
| „ inspections of buildings .. .. .. .. | 65,775 |
| „ notices issued for wells .. .. .. .. | 847 |
| „ „ „ cisterns, etc. .. .. .. | 1,125 |
| „ cisterns hermetically covered .. .. .. | 5,065 |
| „ children examined for enlargement of the spleen ... .. .. .. .. .. | 5,715 |
| „ blood slides examined .. .. .. .. | 557 |
| „ Quinine pills distributed 2 grs. .. .. .. | 8,400 |
| „ „ „ „ 4 „ .. .. .. | 3,125 |
| „ „ „ „ 5 „ .. .. .. | 1,250 |
| „ Cinchona Febrifuge Tablets distributed .. | 30,090 |
| „ pools treated with Pesterine .. .. .. | 10,869 |
| „ odd receptacles removed .. .. .. .. | 8,850 |
| „ low lying areas filled in .. .. .. .. | 20 |

**Malabar Hill Reservoir and Filters.**—All the filters are now done away with and converted into reservoirs, made properly mosquito-proof.

**Bhandarwada Reservoir.**—The filter beds are not now in use.

**Victoria Gardens.**—No further improvement has been effected. The streams and ponds as well as the three underground tanks in the Fern House breed larvæ of Culex and Anopheles from time to time.

**Foreshore—Nepean Sea Road.**—Larvæ of mosquitoes are found breeding on the Foreshore off and on in the spring water.

**Clerk Road Basin.**—During and several months after the rains this catchment area was a source of very serious nuisance from mosquito breeding. This area is now being filled in with sweet earth and thus one of the chief sources of nuisance will disappear.

**Cellars.**—There are about 45 cellars in Fort and Esplanade, giving rise to a serious nuisance during the rains owing to the breeding of mosquitoes. Letters and notices are required to be sent to the owners to pump out the water frequently. One cellar in the Salvation Army building in Byculla was filled in as the building was demolished.

**Naigaum Tank.**—This tank is still giving trouble. In July 1922, the Municipal Commissioner reported to the Corporation as under:—

"With reference to the Corporation Resolution No. 792 of 27th April 1922, I have the honour to state that the tank referred to therein is Naigam Tank which is in charge of the Municipality. During the last 3 years several attempts were made to get this tank filled in. In 1920, tenders were publicly invited, but only one was received, and as the rate quoted therein was much too high, it had to be rejected. Efforts were made to get the work executed by private firms, and Messrs. The Indian Construction Syndicate, Limited, and Messrs. Manohar & Co. filled in portions of the tank (*vide* Standing Committee Resolutions Nos. 10398 of 26th January 1921 and 1078 of 4th May 1921). A part of the tank was also filled in by the Road Department. The total work done up to now amounts to about 7,000 brass while the quantity yet to be done is about 9,000 brass. Quotations obtained recently were again at prohibitive rates. It is intended shortly to undertake extensive drainage works in the vicinity and, as a considerable quantity of surplus spoil will be available, it is proposed to utilize it for reclaiming this tank. The sanitary condition of this tank has been greatly improved by the operations already carried out, and the further reclaiming works to be undertaken in the near future should remove all cause for complaint. It was originally proposed that the site of this tank beyond the portion required for fire station purposes should be reserved as a park or recreation ground. Having regard to the large number of chawls that are being erected in the vicinity, I am of opinion that the site should be reserved as a recreation ground."

**The Mint Tank.**—This tank has been constantly under observation for the last several years and has not been found breeding. It has generally been found covered over with Wolffia which mechanically prevents the breeding of mosquitoes. Owing to the introduction of Electric Energy in the Mint the tank is now being gradually filled in.

**Bhuleshwar Tank.**—This tank has been under constant correspondence during the last several years. Certain alterations were carried out but the state of things is as bad as ever. The water is polluted with sewage and is breeding larvæ of mosquitoes in large numbers.

**Roof Gutters.**—14 roof gutters were examined during the rainy season in several buildings near the Elphinstone Circle when 11 were found breeding larvæ of Culex and Stegomyia mosquitoes and 1 breeding larvæ of Anopheles.

**Royal Dockyard, Naval Yard & Arsenal Compounds.**—Large numbers of odd receptacles machinery, buckets, etc., stored in the open compound breed mosquitoes every rainy season. Frequent references are made to the authorities but no improvement is noticed.

**Water Connection Rules.**—The Municipal Commissioner's sanction was obtained to revise the Water Connection Rules in connection with cisterns so as to enforce caplike covers over manholes and valve boxes with arrangements for lock and key.

**B. B. & C. I. Railway.**—The attention of the Agent was drawn to the uneven condition of the Railway yard and to the non-mosquito-proof condition of the several cisterns in May 1922.

**Casks of Water in Bullock and Livery Stables.**—A license condition has been inserted to provide cisterns on platforms with proper covers and a tap at the bottom to draw off water. No tubs are now allowed in the stables for watering animals.

**The Indian Ports Act.**—The attention of Government was drawn to the desirability of making rules and regulations under the Indian Ports Act for preventing the breeding of mosquitoes in vessels of all classes.

**Buildings under Constructio .**—The following letter was addressed to owners of all premises built on re-inforced concrete system:—

"During the last rainy season a large number of breeding places of mosquitoes were detected in your building under construction. This was principally due to rain water collecting in pools either in the cellar or on the floors.

It is therefore very necessary that stringent steps should be taken to prevent such collections of water in your premises.

"Under Section 381 of the Act, the owner, and not the contractor or the architect, is responsible for such breeding places. In future whenever breeding places are found, orders have been issued to the staff to take immediate and pressing action for this serious nuisance.

"Rain water must not be allowed to collect on the concrete surface, and if water is allowed to stand on concrete surfaces to promote setting, it must be treated with some coal tar disinfectant, such as phenyl or cresol. One part of the disinfectant should be added to every 2,000 parts of water."

The attention of the Executive Engineer (Roads), Municipality, was again drawn during the rainy season to the numerous breeding places in the Ormiston Stores Yard. After a long correspondence, some steps were taken to prevent the breeding.

The Executive Engineer, Presidency, was addressed in March 1922 to put all cisterns in Government buildings in a mosquito-proof condition by providing caplike covers on hinges with arrangement for lock and key over the manholes and valve boxes.

The Executive Engineer, Municipality, was addressed to put all road watering cisterns in a mosquito-proof condition.

Further action was taken to provide cast-iron covers on hinges on all the gully traps and open channel drains in Fort North, Esplanade and Malabar and Cumballa Hills.

**St. George's Hospital.**—Complaints of Malaria fever in the hospital compound were again received and the chief cause was the breeding of mosquitoes in the cisterns in the hospital compound owing to the covers being non-mosquito-proof and tampered with in some cases. A large number of cisterns in the adjoining G.I.P. Railway compound were also found breeding. The breeding of larvæ in the several buildings under construction on the Ballard Estate was also one of the factors in connection with this hospital.

**Ballard Estate.**—This area was divided into 46 plots each leased to a different owner. Building operations which were in progress in the previous year, were continued during the year 1922. Larvæ of mosquitoes were found breeding in the concrete surfaces and also in the subsoil water and cellars. Now only six buildings remain and the work will be completed this year.

**Breeding Places.**—Through the courtesy of the Editor, "The Times of India", the important breeding places in the City are published free of charge once a week, in order to enlighten the public about the nuisances committed in particular places.

The following notices regarding wells and cisterns were published in the local English and Vernacular papers in May 1922 and cards and leaflets to the same effect were distributed amongst the public:—

### PREVENTION OF MALARIA.

### NOTICE.

The public are hereby informed that the concession of a trap-door allowed on wells in Indian houses on religious grounds is greatly abused. The undersigned and the Malaria Department have found them open in numerous cases, and in some where the covers were found closed during such visits, larvæ were found breeding in the well water thus indicating that the trap-doors must have been left open at other times. This defeats the object with which action was taken to cover the wells.

The concession is allowed on the distinct understanding that the trap-doors should be kept under lock and key and opened only when water is actually being drawn, and closed immediately after, so as to prevent the breeding of mosquitoes.

A last warning is hereby given that if hereafter any trap-door is found open, immediate steps will be taken to cover such wells hermetically and withdraw the privilege of a trap-door altogether.

Hand pumps constructed throughout in metal to which no objection on religious grounds exists can be had at a very small cost. Specimens of such pumps can be seen at this office.

NOTICE.

Notice is hereby given that many instances have recently been found in which cisterns placed on the tops of houses for the supply of water are provided with improperly fitting lids with the result that they breed the larvæ of mosquitoes which convey Malaria. In other cases tight fitting covers are provided, but are through the carelessness of servants or other persons left open.

With a view to preventing the spread of Malaria owners and occupiers are therefore earnestly requested to render mosquitoproof any cisterns in their charge and to note that in the event of mosquito larvæ being found in any well, cistern, masonry tank, antiformica or other receptacle for water, the owner thereof will be liable to prosecution. The opening in the top of cisterns should be provided with a projecting rim over which a hinged tight fitting cover should be closed and locked. The warning pipe should be rendered inaccessible to mosquitoes by a cap of wire gauze at the outlet end or by wire gauze fixed over the opening of the pipe into the cistern.

**Wells and Breeding Places on Private Lands.**—To meet charges for works to be carried out by the Municipality on private lands in connection with Malarial campaign, the Standing Committee and the Corporation have sanctioned an advance of Rs. 20,000 from the surplus cash balance.

**Placards.**—Big placards on "What to do to prevent Malaria" were printed and posted at important places, and a large number mounted on card boards, was distributed to several Public Institutions, Libraries and Railway Stations.

**Venereal Diseases.**—The number of deaths ascribed to Venereal Diseases during the year was 48 against 82 in 1921. Of the 48 deaths, 47 were due to Syphilis.

**League for Combating Venereal Diseases.**—Early in the year 1918, a League for combating Venereal Diseases was established under voluntary management, with the Head Office, Information Bureau and Venereal Dispensary at No. 66, Lamington Road. At the Information Bureau information and advice are given to the public and educational literature published in English and the Vernaculars is distributed. The Dispensary is well equipped with all the necessaries for free diagnosis and the treatment of Venereal Diseases by modern methods. The Staff of the Dispensary consists of a male and a female Medical Officer for the male and female departments and a nurse.

During the year ending 31st January 1923, the number of patients registered in the Dispensary was 1,758. Of these, 72 ceased attending before the diagnosis had been completed and 163 were diagnosed as non-venereal. The racial distribution of the venereal cases was as under :—

| | |
|---|---|
| Europeans .. .. .. .. .. .. .. | 68 |
| Anglo-Indians .. .. .. .. .. .. | 25 |
| Indian Christians .. .. .. .. .. .. | 219 |
| Hindus .. .. .. .. .. .. .. | 676 |
| Mussalmans .. .. .. .. .. .. .. | 486 |
| Parsees .. .. .. .. .. .. .. | 59 |
| Jews .. .. .. .. .. .. .. | 36 |
| Japanese, Chinese and other castes .. .. .. | 26 |
| Total .. .. | 1,595 |

These 1,595 cases with the addition of 91 cases carried over from last year, have been classified by the Medical Officer in charge of the Dispensary as follows :—

| | Males. | Females. | Total. |
|---|---|---|---|
| Syphilis .. .. .. .. .. | 475 | 167 | 642 |
| Gonorrhœa .. .. .. .. .. | 531 | 310 | 841 |
| Soft Chancre .. .. .. .. | 155 | 48 | 203 |
| Total .. | 1,161 | 525 | 1,686 |

Result of treatment:—

| | Syphilis. | Gonorrhœa. | Soft Chancre. |
|---|---|---|---|
| Attended for Diagnosis only .. .. .. .. | 112 | 119 | .. |
| Discontinued treatment .. .. .. .. .. | 60 | 147 | 12 |
| Left to continue treatment .. .. .. .. | 55 | 40 | .. |
| Left improved and fit .. .. .. .. .. | 275 | 125 | 6 |
| Cured .. .. .. .. .. .. .. | 16 | 286 | 181 |
| Continued treatment .. .. .. .. .. | 69 | 64 | 4 |
| Sent to Hospitals .. .. .. .. .. .. | 55 | 60 | .. |
| Total .. .. | 642 | 841 | 203 |

## DISINFECTION, &c.

The following table shows the number of cases of infectious diseases removed to Hospitals, of houses vacated and disinfected and of articles disinfected by steam :—

INFECTIOUS DISEASES—CAUSE AND NATURE OF ACTION TAKEN IN 1922.

| On account of | Cases removed to Hospitals. | Houses Vacated. | Rooms Disinfected. | Articles Sterilized. |
|---|---|---|---|---|
| Dead rats ... ... ... ... | ... | 108 | 338 | ... |
| Plague ... ... ... ... | 113 | 118 | 918 | 1,057 |
| Small-pox ... ... ... ... | 56 | 2 | 184 | 141 |
| Measles ... ... ... ... | 6 | ... | 34 | 39 |
| Chicken-pox ... ... ... ... | 9 | ... | 20 | 1 |
| Typhoid Fever ... ... ... | 13 | ... | 225 | 235 |
| Malarial „ ... ... ... | 6 | ... | 98 | ... |
| Relapsing „ ... ... ... | 26 | ... | 47 | 36 |
| Influenzal Pneumonia and Influenza. | ... | ... | 134 | 33 |
| Cholera ... ... ... ... | 6 | ... | 25 | 60 |
| Erysipelas ... ... ... ... | ... | ... | 7 | ... |
| Leprosy ... ... ... ... | ... | ... | 6 | 20 |
| Tuberculosis of Lungs ... ... | 97 | ... | 997 | 543 |
| Other Causes ... ... ... ... | 92 | 9 | 1,310 | 515 |
| Total ... | 424 | 237 | 4,343 | 2,680 |

**Quantities and Cost of Disinfectants used.**—The following statement shows ( as required by Corporation Resolution No. 8225 of 22nd March 1917 ) (*a*) the quantities in which each kind of disinfectants was used during the year ending 31st December 1922 and their cost ; (*b*) quantities used (*i*) for disinfecting infected dwelling houses and rooms, (*ii*) for disinfecting other places such as house gullies, drains, privies, etc., and (*c*) the total cost of disinfectants used for each of the purposes :—

| Name of Disinfectant. | (a) |  | (b) |  | (c) |  |
|---|---|---|---|---|---|---|
|  |  |  | Quantities of Disinfectants used. |  | Total cost of Disinfectants used. |  |
|  |  |  | (i) | (ii) | (i) | (ii) |
|  | Quantities of Disinfectants used. | Cost. | For disinfecting infected dwelling houses and rooms. | For disinfecting other places such as house gullies, drains, privies, etc. | For disinfecting infected dwelling houses and rooms. | For disinfecting other places such as house gullies, drains, privies, etc. |
|  |  | Rs. a. p. |  |  | Rs. a. p. | Rs. a. p |
| Pesterine .. .. .. .. .. .. Gallons | 5,753½ | 2,093 5 10 | 1,937 | 3,816½ | 665 2 1 | 1,428 3 9 |
| Zondo Fluid .. .. .. .. .. .. Do. | 55 | 199 14 0 | 53 | 2 | 193 5 6 | 6 8 6 |
| McDougal's Fluid .. .. .. .. .. Do. | 1,545½ | 4,527 11 6 | 182¾ | 1,362¾ | 583 8 9 | 3,944 2 9 |
| Izal Powder .. .. .. .. .. .. Bags. | 495½ | 4,547 7 0 | .... | 495½ | .... | 4,547 7 0 |
| Sulphur .. .. .. .. .. .. Lbs. | 480½ | 61 4 3 | 42½ | 438 | 5 10 3 | 55 10 0 |
| Total .. |  | 11,429 10 7 |  |  | 1,447 10 7 | 9,982 0 0 |

The quantities of the principal disinfectants used by the Sanitary and Conservancy Departments respectively were as follows :—

|  |  | Sanitary. | Conservancy. |
|---|---|---|---|
| Pesterine .. .. .. .. .. .. | Gallons. | 3,487 | 2,266 |
| McDougal's Fluid .. .. .. .. | Do. | 290 | 1,255 |
| Izal Powder .. .. .. .. .. | Bags. | .. | 495 |
| Sulphur .. .. .. .. .. | Lbs. | 42 | 438 |

## MEDICAL RELIEF.

**Municipal Dispensaries.**—The twelve Municipal Dispensaries, including the " Bai Gowrabai " Branch dispensary at Kamatipura and the Branch dispensary at Parbhadevi Road, were open throughout the year to administer, as in the past, free medical relief to the sick poor of the City.

The actual number of new cases (individuals) treated at the dispensaries during the year was 71,020 (49,075 males and 21,945 females) as against 77,963 in 1921. The total attendances numbered 381,861 as against 496,530 in 1921. Of these 1,615 were seen at their houses.

The diseases treated at each dispensary are shown in Table No. 29 (Appendix).

In addition 3,924 new cases (2,817 males and 1,107 females) were treated at the Colaba and Victoria Bunder Charitable Dispensaries to which a contribution is paid by the Municipality. The total attendances at the two dispensaries numbered 9,143.

Dr. B. B. Broacha, L.R.C.P.&S., continued his voluntary services for the treatment of eye-complaints among the poor at No. 8 District Dispensary, till his untimely death on May 4th when the Department lost in him an energetic and devoted worker.

The free dispensary for the treatment of eye diseases opened and maintained in the Sanitary Institute, Princess Street, under Corporation Resolution No. 12677 of 5th February 1920, has now been fully equipped and was attended throughout the year gratuitously by Dr. D. D. Sathaye, and Dr. N. N. Karani and by Dr. R. D. Mody from January to May and by Dr. C. R. Athavle from July to December. The dispensary is open every day from 8-30 a.m. to 9-30 a.m. except on Wednesdays and Sundays. The total number of new cases treated in 1922 at this dispensary was 342.

I have much pleasure in bringing to the notice of the Municipal Commissioner and the Corporation the valuable honorary services rendered by these gentlemen.

## PUBLIC HEALTH ADMINISTRATION.

For administrative purposes, the City has been divided into seven wards A to G, each under the charge of an Assistant or Deputy Health Officer who is responsible for the sanitary work in his ward. A & B Wards and C & D Wards constitute two combined charges each under one Assistant Health Officer. B Ward and D Ward are each in the charge of a Deputy Health Officer acting under the direction of the Assistant Health Officer of the combined charge. There are thus five Assistant Health Officers respectively in charge of the five main divisions of the City and two Deputy Health Officers appointed to assist respectively in the Divisions which include two Wards within their boundaries. The Assistant Health Officers are under the direct control of the Executive Health Officer and of the First and Second Assistant Health Officers who form part of the central administration.

The Island has been further sub-divided into 50 Sections in charge of 50 Inspectors styled Medical Assistants and each Inspector in the District to which he is appointed is required to undertake the work incidental to Registration and Sanitation as well. As a necessary corollary, all the newly appointed Inspectors are required to be qualified Medical Practitioners and to pass the Sanitary Surveyor's Examination.

The 50 Sections have been arranged in groups to form 10 Registration and Sanitary Districts, the work in each of the 10 Districts being supervised by a Senior and Junior Medical Inspector. There are thus 10 Senior and 10 Junior Medical Inspectors who are required to be Medical Graduates and to work under the orders of the Assistant Health Officers and the Deputy Health Officers of the Wards in which their respective Districts are situated.

In addition to the 50 Medical Assistants in charge of Sections, there are 11 Medical Assistants in charge of the 11 Municipal Dispensaries, including the Parbhadevi Road Branch Dispensary. Their duty is to provide free medical relief to the sick poor of the City. The Branch Dispensary at Kamatipura known as " Bai Gowrabai " Dispensary is looked after by the Medical Assistant in charge of No. 8 District Municipal Dispensary. Each of the ten main Municipal District Dispensaries has two trained nurses who are also qualified midwives. Their duty is to advise mothers of the poorer classes in the care of their children and to attend women of the poorer classes in their confinement.

For the prevention of adulteration, 5 Sub-Inspectors are employed to take samples of milk offered for sale and to submit them for examination to the Municipal Analyst.

Anti-Malarial measures were carried out by a staff consisting of two Medical Inspectors, 16 Sub-Inspectors, 4 muccadams and 32 coolies. The number of Sub-Inspectors and coolies was increased by 10 and 20 from the onset of the monsoon.

The analysis of samples of food and of samples of the Municipal water-supply is carried out by the Municipal Analyst in a laboratory attached to the Health Department.

The Veterinary staff includes 1 Senior Inspector and 3 Inspectors who are all qualified Veterinary Surgeons and inspect the milch-cattle stables in the City and the Municipal bullocks and are in charge of the Municipal Bullock Hospital and Segregation sheds at Tardeo Flats. In addition to this staff, there are 12 Veterinary Overseers who are responsible under the Conservancy Supervisors for the health of the bullocks in the eleven Health Department Stables.

The Vaccination staff includes besides the Superintendent and the Assistant Superintendent, 1 Head Vaccinator and 9 other Vaccinators.

**Dairy Superintendent.**—Early in the year, a new office was created by the appointment as Dairy Superintendent of Mr. Z. R. Kothawalla, B.A., B.Sc., N.D.D.

The immediate object of the appointment has been to provide an Officer who will devote the whole of his time to devising measures for securing the removal of milch-cattle stables from the City.

**Conservancy.**—The Conservancy staff consisted in 1922 of :—

| | |
|---|---|
| 1 | Conservancy Superintendent. |
| 5 | Supervisors. |
| 12 | Assistant Supervisors. |
| 5 | Senior Overseers. |
| 62 | Overseers. |
| 22 | Depot Attendants. |
| 2,149 | Halalkhores. |
| 4,274 | Scavengers. |
| 970 | Cart Drivers. |

The average strength of bullocks provided for the scavenging and cesspool carts was 1,167. The Municipal bullock stables in the City number eleven.

The number of carts of cutchra, drain silt and other refuse emptied at the Tardeo Flats and other Depots in the City during the year was 696,337 against 683,749 in the preceding year; of these 580,988 were departmental and 115,349 private.

During the year 97,790 night-soil and cesspool cart-loads and 4,156,176 night-soil baskets were emptied at the several night-soil depots in the City as compared with 95,707 night-soil and cesspool cart-loads and 4,200,244 night-soil baskets in 1921. As compared with the preceding year, there is an increase of 2,083 night-soil and cesspool cart-loads but a decrease of 44,068 baskets. During the year, 202 water-closets were substituted for basket privies as against 128 in the preceding year.

**Stray and ownerless Dogs.**—In the year under review, 6,854 stray dogs were caught; out of this number 6,848 ownerless dogs were destroyed by carbonic acid gas at the Lethal Chamber provided for the purpose on Tardeo Flats and 6 were returned to their respective owners.

**Milk Supply.**—A considerable advance has been made during the year towards the solution of the problem of removing from the City the milch cattle stables which are so fertile a source of nuisance and complaint.

Land is to be purchased and stables erected by the Municipality at Trombay for the reception of milch cattle from the City and to carry out the scheme and to advise generally as to the sources of milk available or to be made available, a Special Officer has been appointed, who has done valuable work since he took up the duties of the post.

In addition to the Trombay scheme for bringing milk in from the suburbs negotiations have been set on foot with a view to encouraging the production of milk by private enterprise at much greater distances from Bombay in country where the conditions fulfil the requirements of economic dairy farming.

The inquiries made and the reports submitted by Mr. Kothawala show that the present sources of the milk consumed in Bombay are approximately as follows :—

| Source. | Distance in Miles. | Hours. | Quantity in gallons. |
|---|---|---|---|
| 93 Stables in the City— | | | |
| Buffaloes 4,250 | .... | .... | 18,000 |
| Cows 750 | .... | .... | |
| B. B. & C. I. Railway— | | | |
| Nadiad | 281 | 10½ | .... |
| Palghar | 58 | 2 | .... |
| Other Stations | .... | .... | .... |
| Total | .... | .... | 2,890 |
| G. I. P. Railway— | | | |
| Kirkee | 115 | 4½ | 200 |
| Other Stations | .... | .... | 1,765 |
| Ghatkopar, Bandra, etc., by Road | .... | .... | 145 |
| Total Number of gallons per day | .... | .... | 23,000 |

Number of Milkshops in the City 540.

The total quantity of 23,000 gallons per day is equivalent to 3·1 ounces per head of the population, an amount which must be regarded as insufficient for the consumers of whom a majority are vegetarians.

In the non-vegetarian diet of a healthy adult efficient substitutes for milk can no doubt be provided, but for children upto the age 12 or 14 years and for vegetarians milk may be regarded as essential.

The combined needs of the total population may be stated as amounting to not less than an average of 5 ounces of milk per head per day, which is the average in London. In New York the average exceeds 11 ounces.

Of the milk consumed 78 per cent. is produced in milch cattle stables within the City, and 1 per cent. is brought in from the suburbs by road. Twenty-one per cent. comes by rail.

The milk from Kirkee and Palghar is produced on dairy farms and is pasteurised. The milk from Nadiad 280 miles from Bombay is pasteurised and despatched by a creamery. It is not produced on a dairy farm, but collected from cultivators in the surrounding districts.

The milk from stables in the City which accounts for 78 per cent. of the total supply is consumed both morning and evening within 5 hours of its production. It is thus supplied fresh, but this single advantage is many times outweighed by the dangers which attend its production in a crowded city by methods which could not in any respect be more primitive.

Since milk from places at a distance of more than 40 miles from Bombay is only despatched once in the 24 hours, some of the supply is from 12 to 30 hours old when it is consumed.

By clean production, pasteurising and cooling, it has however been amply demonstrated that sound milk can be supplied 24 hours after it has been produced and under proper conditions there would be no objection to the importation of milk from considerable distances which is the necessary corollary to the abolition of the City stables.

**Unwholesome Food.**—The following list shows the articles of unsound food seized and destroyed under Sections 415 and 416 of the Municipal Act :—

| | | | | | |
|---|---|---|---|---|---|
| Fruits (fresh) | No. | 6,722 | Sterilized Milk | tins | 148 |
| Fruits (Dry) | lbs. | 749 | Condensed Milk | „ | 1,136 |
| Tins of preserved fruits | No. | 2,634 | Ghee | „ | 64 |
| Potatoes | lbs. | 1,226 | Chocolate | pieces | 2,969 |
| Onions | „ | 1,722 | Fish (Dry) | lbs. | 815 |
| Garlic | „ | 555 | Fish (Tinned) | tins. | 2,050 |
| Vegetables | „ | 467 | Cheese | lbs. | 3,937 |
| Grain | bags. | 20 | Tinned Meat | tins | 2,052 |
| Sugar | lbs. | 376 | Patent foods | „ | 3,581 |
| Indian Sweetmeats | „ | 243 | | | |

**Statutory Notices.**—The following list indicates the number of Notices served by the Inspectors and the number of Prosecutions undertaken for various offences under the Municipal Act during the year.

NOTICES UNDER THE MUNICIPAL ACT IN 1922.

| | No. of Notices issued under various Sections of the Municipal Act. |
|---|---|
| Total number of Notices issued | 9,975 |
| Number complied with | 3,898 |
| Number not complied with and not cancelled | 3,730 |
| Number cancelled | 1,548 |
| Number pending at the close of the year | 799 |
| No. of Notices in 1921 | 7,158 |

POLICE COURT PROSECUTIONS IN 1922.

| | Under various Sections of the Municipal Act. | For adulteration and other offences under milk licenses. |
|---|---|---|
| Number of summonses issued by the Presidency Magistrates at the instance of the Health Department. | 5,764 | 1,996 |
| Number of cases in which convictions were obtained .. | 2,105 | 1,479 |
| Number of cases in which the parties were warned and discharged .. .. .. .. .. .. .. | 2,048 | 143 |
| Number of cases dismissed .. .. .. .. .. | 8 | 1 |
| Number of cases withdrawn, the offences having ceased .. | 1,409 | 282 |
| Number of cases pending at the close of the year .. | 194 | 91 |
| Number of summonses in 1921 .. | 5,005 | 1,731 |

## SANITARY STATE OF THE CITY.

The principal causes of the insanitary conditions which maintain the death-rate at a high level even in non-epidemic periods are the insufficiency of the water supply, the insufficiency of the sewers, the continuance of the basket privy system of conservancy, the density of houses and persons per acre and overcrowding of persons in rooms and tenements.

**Water Supply.**—The quantity of water available throughout the year has been well above the average, but the supply is intermittent and the pressure insufficient in many cases to fill the storage cisterns on the roofs of high buildings. Serious nuisance thus arises through the failure of the supply to the flushing tanks of water-closets.

No relief will be obtained until the third pipe line from Tansa Lake has been completed. The construction of the pipe line is progressing rapidly.

The filter for the water from Pawai Lake has been completed and progress is being made with the construction of filters for the Vehar and Tulsi Lake supplies. Schemes for the filtration of the Tansa water are under consideration.

During the year the water supply from all sources was unfiltered.

**Drainage.**—Reference was made in some detail in my last Report to the gravity of the insanitary conditions which result from the inadequacy of the present sewer system and the continuance of the old insanitary basket privies. No progress has been made in the past year and the position remains now what it was ten years ago, except in so far as it is year by year aggravated by the steady increase in the population. The scheme for remodelling and enlarging the whole system is still under consideration.

## HOUSING.

**Insanitary Dwellings.**—The routine inspection of dwellings and premises presenting or likely to present sanitary defects has been systematised under a scheme whereby each one of the 50 Medical Assistants and 20 Medical Inspectors is required to devote not less than two afternoons a week to the inspection of houses in streets or areas definitely allotted for the purpose by the Assistant Health Officers. The scheme aims at the inspection of not less than 10 houses per week by each member of the inspectorial staff or 35,000 houses in all in the year. Were inspection the single object in view, these numbers could be doubled or trebled. Since however the primary inspections are only the first step in securing the remedy of the sanitary defects discovered, their number is strictly limited by the number of secondary visits which the enforcement of the requirements of the Department entails.

The scheme has resulted in a large increase in the number of defects remedied.

The extreme measure of closing houses or tenements as unfit for human habitation under Section 378 of the Municipal Act has not been resorted to partly on account of the shortage in accommodation and partly owing to difficulties in the application of the powers conferred by the Act.

Accommodation for the working classes is now being provided, under the schemes described below. but the administrative difficulties remain. In all cities numerous cases exist in which the ground floor rooms of dwellings are dark and insanitary whilst the rooms on the upper floors are not open to objection. In such cases the closing of the whole house is hardly justifiable. When individual rooms are closed, they are liable to be broken open sometimes with and often without the knowledge of the landlord. The unauthorised occupation of such rooms by vagrants and others renders them a fertile source of serious nuisance.

In England in so far as premises as a whole are concerned, a remedy is provided by the power to demolish a house that has been closed and not rendered fit for habitation.

In Bombay no such power exists and closed premises are necessarily left to become more and more derelict with the passage of time.

**Insanitary Areas.**—The action taken by the City Improvement Trust in regard to insanitary areas represented by the Municipal Commissioner under Section 24 of the Bombay Improvement Trust Act, 1898, was described in some detail on pp. 34 and 35 of my Annual Report for 1921.

Financial considerations and the difficulty experienced in preserving a balance between the number of insanitary dwellings demolished and the number of new tenements provided to take their place have led to the postponement of action in a number of the areas which have been represented.

The second obstacle has now been removed by the Development Directorate Scheme for the construction of 50,000 new tenements for the working classes and it is to be hoped that funds will shortly be found for dealing with the remainder of the slum areas which have been represented.

**Provision of New Dwellings.**—Since the year 1898, the City Improvement Trust has provided 23,356 new tenements as against 25,028 tenements demolished.

During the year 1921-22, 1,969 new tenements were provided and 600 only were demolished, the net gain to the City being 1,369 new tenements.

Progress has been made in pursuance of the policy of the Corporation which aims at the provision of 8,000 tenements in all for their employés.

Under the Development Directorate Scheme, 50,000 new tenements will ultimately be provided. Of this number, 720 had already been completed at the end of the year 1921. During the year 1922, astonishing progress has been made with the scheme on a scale and at a rate which is probably without precedent in any other City.

## WORK OF THE DEPARTMENT.

I carried out the duties of Executive Health Officer throughout the year 1922.

Dr. Sorab C. Hormusjee, as First Senior Assistant Health Officer in the supervision of all branches of the Department both indoor and outdoor, has rendered valuable service throughout the year.

On September 14th, 1921, the post of Second Senior Assistant Health Officer, which had lapsed in the Reorganisation Scheme, was restored, and has been ably filled by Dr. K. B. Shroff.

Dr. P. T. Patel, M.R.C.P. (Lond.) as Medical Superintendent of the Municipal Hospitals for Infectious Diseases has been instrumental in securing structural alterations in both Hospitals, which have added considerably to their efficiency.

Dr. C. Coutinho as Municipal Analyst has carried out the duties of the post successfully during the year and has done valuable work in connection with the testing and preparation of larvacides.

The clerical work at the Head Office has been satisfactorily carried out under the Chief Clerk, Mr. J. P. DeSouza. The work of Registration and Tabulation of Births and Deaths has been performed by Mr. G. R. Purandare with his customary ability and industry in dealing with the Vital Statistics of the City.

Mr. A. C. Higgins, the Conservancy Superintendent, has dealt successfully with the conservancy work of the City and has shown his usual capacity for handling effectively the large labour staff under him.

To the Assistant Health Officers not mentioned by name and to the remainder of the staff, both indoor and outdoor, I beg to take this opportunity of tendering my thanks for the loyal and efficient service they have rendered during the year.

PUBLIC HEALTH DEPARTMENT,
MUNICIPAL OFFICES,
BOMBAY, *14th May*, 1923.

J. E. SANDILANDS,
M.D., D.P.H.,
*Executive Health Officer.*

# APPENDIX.

# REPORT OF THE ARTHUR ROAD HOSPITAL FOR THE YEAR 1922.

## I.—STAFF.

I was in continuous charge of the Hospital throughout the year.

The permanent staff of the Hospital comprised the Medical Superintendent, two Medical Assistants, one Senior Nurse and four other Nurses.

## II.—GENERAL STATISTICS.

TABLE I.

| — | Small-pox. | Chicken-pox. | Measles. | Cholera. | Relapsing Fever. | Influenza. | Mumps. | Cerebro-spinal Meningitis. | General Diseases. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|
| Patients remaining in the Hospital on the 31st December 1921 at 8 p.m. .. .. | 2 | 2 | .. | .. | .. | .. | .. | 3 | .. | 7 |
| Admitted from 1st January to 31st December 1922 .. .. .. .. .. .. | 84 | 72 | 14 | 10 | 1 | 26 | 2 | 85 | 86 | 380 |
| Total treated .. .. .. .. .. | 86 | 74 | 14 | 10 | 1 | 26 | 2 | 88 | 86 | 387 |
| Discharged .. .. .. .. .. .. | 59 | 69 | 13 | 4 | 1 | 20 | 2 | 24 | 74 | 266 |
| Died .. .. .. .. .. .. .. .. | 19 | .. | 1 | 6 | .. | 6 | .. | 57 | 12 | 101 |
| Mortality rate per cent. .. .. .. .. | 22·0 | .. | 7·1 | 60·0 | .. | 23·0 | .. | 64·7 | 13·9 | 26·1 |
| Patients remaining in the Hospital on the 31st December 1922 at 8 p.m. .. .. | 8 | 5 | .. | .. | .. | .. | .. | 7 | .. | 20 |

The total number of admissions during the year was 380 as compared with 952 in the year 1921.

The total average daily number of patients was 11·6. The average weekly cost per patient was Rs. 25-5-3 as shown below :—

|  | Rs. | a. | p. |
|---|---|---|---|
| Diets .. .. .. .. .. .. .. .. | 8 | 14 | 2 |
| Medicine .. .. .. .. .. .. .. .. | 4 | 9 | 10 |
| Clothing .. .. .. .. .. .. .. .. | 3 | 2 | 4 |
| Disinfectant .. .. .. .. .. .. .. .. | 2 | 7 | 11 |
| Stores .. .. .. .. .. .. .. .. | 6 | 3 | 0 |
| Total Rs. .. | 25 | 5 | 3 |

**Death Rate.**—The fatality rate for all diseases was 26·1 per cent. as compared with 24·5 per cent. last year. The increase is due to the high mortality amongst cerebro-spinal meningitis patients.

**Post Mortem Examinations.**—Twelve Autopsis on cerebro-spinal meningitis cases were performed. The brain and spinal canal were examined in each case. One proved to be tuberculous meningitis and one showed signs of cerebral hæmorrhage. In the remainder serous fluid and pus were found in considerable quantities beneath the coverings of the cord and brain.

**European and Anglo-Indian Patients.**—The total number of admissions among European and Anglo-Indian patients was 12 ; they were distributed as follows :—3 Small-pox, 1 Cholera, 2 Chicken-pox and 6 observation cases. Out of 3 Small-pox patients, one who was unvaccinated died. The case of Cholera also proved fatal.

**Military Patients.**—Military admissions totalled 5 only as compared with 23 last year.

**Accommodation.**—The following table shows the total number of beds in the Hospital in normal times :—

TABLE II.

| Sections. | Number of wards. | Beds per ward. | Total beds. |
|---|---|---|---|
| Indian ... ... ... ... ... ... ... | 6 | 22 | 132 |
| European (old) ... ... ... ... ... ... | 2 | 14 | 28 |
| „ (new) ... ... ... ... ... ... | 2 | 14 | 28 |
| Total ... | 10 | .. | 188 |

These figures are calculated on an allowance of 100 square feet of floor space per bed. In an emergency the number of beds can be increased.

## III.—DISEASES.

**Small-pox.**—Small-pox prevailed throughout the year, except in the month of August when there was no admission. The highest admissions were 20 in April.

**Vaccination.**—There were 84 Small-pox patients out of which 42 were vaccinated and 42 were unvaccinated cases.

The following table compares the vaccinal condition of patients and the rate of their case mortality during the year as contrasted with the ten previous years :—

TABLE III.

| Year. | Vaccinated. | | Unvaccinated. | |
|---|---|---|---|---|
| | Admissions. | Case mortality rate per cent. | Admissions. | Case mortality rate per cent. |
| 1912 ... ... ... | 426 | 16·9 | 232 | 40·5 |
| 1913 ... ... ... | 132 | 18·1 | 71 | 36·6 |
| 1914 ... ... ... | 182 | 19·2 | 101 | 33·6 |
| 1915 ... ... ... | 267 | 12·3 | 173 | 36·9 |
| 1916 ... ... ... | 801 | 13·7 | 341 | 32·3 |
| 1917 ... ... ... | 234 | 12·3 | 195 | 26·6 |
| 1918 ... ... ... | 833 | 12·4 | 578 | 38·5 |
| 1919 ... ... ... | 357 | 10·0 | 325 | 40·9 |
| 1920 ... ... ... | 306 | 10·5 | 214 | 37·8 |
| 1921 ... ... ... | 299 | 11·7 | 243 | 40·7 |
| 1922 ... ... ... | 42 | 7·1 | 42 | 38·1 |

The vaccinal conditions of children under 10 years of age who were admitted for and died of Small-pox during the year was as follows :—

TABLE IV.

| Period. | Vaccinated | | | | Unvaccinated. | | | |
|---|---|---|---|---|---|---|---|---|
| | Admissions | Died. | Recovered | Case mortality rate per cent. | Admissions | Died. | Recovered. | Case mortality rate per cent. |
| 1 to 6 months ... ... | ... | ... | ... | ... | 1 | 1 | ... | 100·0 |
| 6 to 12 „ ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 1 to 5 years ... ... ... | 2 | ... | 2 | ... | 7 | 1 | 6 | 14·2 |
| 5 to 10 „ ... ... ... | 4 | ... | 4 | ... | 5 | ... | 5 | ... |
| Total ... | 6 | ... | 6 | ... | 13 | 2 | 11 | 15·3 |

**Cholera.**—There were only 10 cases of Cholera with 6 deaths from May to August. The remaining months of the year were free from Cholera admissions. All the cases proved positive bacteriologically. The same line of treatment was carried out as in the previous year.

**Cerebro-spinal Meningitis.**—Cerebro-spinal meningitis was prevalent throughout the year. There were 85 admissions compared with 80 in 1921. Most of the cases were sent by the J. J. and Gokuldas Hospitals. Many were admitted in a moribund condition dying within 24 hours. The admissions in the first quarter of the year numbered 46, *i.e.*, more than half of the whole number ; in the remaining 9 months 39 cases only were admitted.

The following statement compares the racial mortality among the 85 cerebro-spinal meningitis patients.

TABLE V.

| Races. | Admissions. | Deaths. | Recoveries. | Case mortality rate per cent. |
|---|---|---|---|---|
| Hindus .. .. .. | 46 | 34 | 12 | 73·9 |
| Musalmans .. .. .. | 30 | 19 | 11 | 63·3 |
| Christians .. .. .. | 9 | 4 | 5 | 44·4 |
| Total .. | 85 | 57 | 28 | 67·0 |

The same line of treatment was carried out as last year. 114 Lumbar puncture operations were performed and 111 intrathecal and 71 intramuscular and subcutaneous injections of Polyvalent Anti-meningococcus serum were given.

Forty-six early cases were treated with serum with 22 recoveries, the mortality rate among them being 52·1 per cent. as against a mortality of 67 per cent. for all cases.

**Bacteriological Examinations.**—The following table shows the number of Bacteriological examinations made at the Municipal Laboratory :—

| Examinations of. | Total. | Positive. | Negative. |
|---|---|---|---|
| Blood for Malaria .. .. .. .. .. .. .. .. .. | 46 | 6 | 37 |
| or | | | |
| „ Relapsing Fever .. .. .. .. .. .. .. .. | | 3 | |
| „ Count (Differential) .. .. .. .. .. .. .. .. | 12 | .... | .... |
| „ For Typhoid .. .. .. .. .. .. .. .. .. | 25 | .... | 25 |
| „ „ Wasserman .. .. .. .. .. .. .. | 3 | 1 | 2 |
| Sputum for T. B. .. .. .. .. .. .. .. .. | 2 | 1 | 1 |
| Pus smear for meningococcus .. .. .. .. .. .. | 12 | 10 | 2 |
| Urethral discharges .. .. .. .. .. .. .. .. | 1 | 1 | .... |
| „ for gonorcoccrs .. .. .. .. .. .. .. | 3 | .... | 3 |
| Cerebro-spinal fluid for meningococcus and Pus cells .. .. .. | 75 | 33 | 42 |
| Stools for Cholera .. .. .. .. .. .. .. .. | 36 | 8 | 28 |
| Total .. | 215 | 63 | 140 |

Table showing the Class and Number of Patients treated jointly at the Arthur Road Infectious Diseases Hospital and Maratha Plague Hospital during the last twenty years, *viz.*, 1903 to 1922.

| Disease. | 1903 | 1904 | 1905 | 1906 | 1907. | 1908 | 1909 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 | 1921 | 1922 | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Small-pox .. .. .. .. | 673 | 476 | 1,450 | 208 | 102 | 828 | 413 | 685 | 340 | 658 | 203 | 283 | 440 | 1,142 | 429 | 1,508 | 798 | 520 | 542 | 84 | 11,944 |
| Chicken-pox .. .. .. .. | 75 | 40 | 52 | 48 | 27 | 84 | 56 | 43 | 60 | 53 | 140 | 34 | 106 | 178 | 118 | 200 | 148 | 94 | 109 | 72 | 1,806 |
| Measles .. .. .. .. | 78 | 22 | 30 | 85 | 3 | 67 | 6 | 105 | 87 | 51 | 23 | 71 | 44 | 64 | 81 | 71 | 127 | 41 | 77 | 14 | 1,188 |
| Cholera .. .. .. .. | 4 | 85 | 9 | 239 | 101 | 34 | 138 | 36 | 39 | 475 | 52 | 137 | 16 | 122 | 42 | 507 | 1,103 | 153 | 44 | 10 | 3,356 |
| Plague .. .. .. .. | 1,395 | 1,106 | 1,398 | 965 | 621 | 618 | 608 | 440 | 565 | 238 | 392 | 440 | 135 | 411 | 476 | 335 | 189 | 123 | 339 | 234 | 12,312 |
| Relapsing Fever .. .. .. .. | 275 | 139 | 424 | 813 | 380 | 284 | 123 | 41 | 1 | 2 | 1 | 1 | .. | 2 | 7 | 24 | 458 | 82 | 151 | 162 | 3,855 |
| Mumps .. .. .. .. | 4 | 4 | 4 | 22 | 6 | 2 | 9 | 2 | 76 | 12 | 20 | 6 | 22 | 162 | 171 | 236 | 46 | 91 | 64 | 2 | 965 |
| Whooping Cough .. .. .. .. | .. | 3 | .. | 3 | 1 | .. | 4 | 15 | 10 | 9 | 2 | 9 | 15 | .. | .. | 21 | 2 | 2 | 2 | .. | 98 |
| Erysipelas .. .. .. .. | .. | 22 | 14 | 14 | 26 | 31 | 28 | 33 | 24 | 13 | 22 | 8 | 11 | 7 | 10 | 6 | 3 | 8 | .. | .. | 280 |
| Typhoid Fever .. .. .. .. | 5 | 7 | 6 | 2 | 8 | 11 | 1 | 3 | 2 | 3 | 4 | 1 | .. | .. | .. | .. | 2 | .. | .. | .. | 55 |
| Typhus Fever .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 |
| Cerebro-spinal Fever .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 7 | 6 | 4 | 5 | 8 | .. | 12 | 23 | 123 | 85 | 277 |
| Scarlet Fever .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | 2 |
| Diphtheria .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 | 2 | 1 | .. | 1 | .. | 8 |
| Chigger .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 334 | 1 | .. | .. | 1 | .. | .. | 350 |
| Influenza .. .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1,520 | 258 | 295 | 72 | 73 | 2,218 |
| General Diseases .. .. .. .. | 349 | 343 | 228 | 230 | 245 | 332 | 306 | 327 | 359 | 327 | 355 | 286 | 228 | 326 | 401 | 201 | 516 | 356 | 513 | 228 | 6,920 |
| Total .. | 2,858 | 2,247 | 3,615 | 2,629 | 1,520 | 2,291 | 1,692 | 1,730 | 1,563 | 1,845 | 1,221 | 1,282 | 1,037 | 2,755 | 1,747 | 4,631 | 3,663 | 1,789 | 2,037 | 964 | 45,636 |

ARTHUR ROAD HOSPITAL,
BOMBAY, 28*th March* 1923.

P. T. PATEL, M.D. (Lond.), M.R.C.P. (Lond.),
D.T.M. & H. (Camb.), F.C.P.S.
*Medical Superintendent, Arthur Road Hospital.*

# REPORT OF THE MARATHA PLAGUE HOSPITAL FOR THE YEAR 1922.

## I.—THE STAFF.

I was in continuous charge of the Hospital throughout the year.

The permanent staff of the Hospital comprised the Medical Superintendent, two Medical Assistants, one Senior Nurse and two Nurses.

## II.—GENERAL STATISTICS.

| | Plague. | Relapsing Fever. | Pneumonia. | Influenza. | Tuberculosis of Lungs. | Malaria. | Dysentery. | Rheumatic fever. | Syphilis. | All other infectious Diseases. | Other Diseases. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Patients remained in the Hospital on 31st December 1921 at 8 p.m. .. .. .. | .. | 6 | 2 | 1 | .. | .. | .. | .. | .. | .. | 4 | 13 |
| Admitted from 1st January 1922 to 31st December 1922 .. .. .. .. .. | 234 | 161 | 4 | 47 | 9 | 59 | 11 | 3 | 1 | 9 | 46 | 584 |
| Total treated .. .. .. .. .. | 234 | 167 | 6 | 48 | 9 | 59 | 11 | 3 | 1 | 9 | 50 | 597 |
| Discharged .. .. .. .. .. | 54 | 120 | 4 | 35 | 4 | 57 | 8 | 3 | 1 | 4 | 44 | 334 |
| Died .. .. .. .. .. | 180 | 45 | 2 | 11 | 5 | 2 | 3 | .. | .. | 4 | 5 | 257 |
| Mortality per cent. .. .. .. .. | 76·9 | 26·9 | 33·3 | 22·9 | 55·5 | 3·4 | 27·2 | .. | .. | 44·4 | 10 | 43·05 |
| Patients remaining in the Hospital on 31st December 1922 at 8 P.M. .. .. .. | .. | 2 | .. | 2 | .. | .. | .. | .. | .. | 1 | 1 | 6 |

The total number of admissions during the year was 584 as compared with 1,071 in 1921 and 788 in 1920.

The total daily average of patients was 17·65. The average weekly cost per patient was Rs. 14-10-10 as shown below :—

| | Rs. | a. | p. |
|---|---|---|---|
| Medicine .. .. .. .. .. .. .. | 4 | 3 | 0 |
| Diet .. .. .. .. .. .. .. .. | 6 | 14 | 0 |
| Clothing .. .. .. .. .. .. .. | 1 | 12 | 0 |
| Disinfectants .. .. .. .. .. .. | 0 | 1 | 10 |
| Stores .. .. .. .. .. .. .. | 1 | 12 | 0 |
| Total .. | 14 | 10 | 10 |

**Death Rate.**—The fatality rate for all diseases was 43·05 per cent. as compared with 40·7 per cent. in 1921 and 35·4 per cent. in 1920. The increase was due to high mortality among cases of dysentery and Tuberculosis of the Lungs.

**Post-mortem Examinations.**—Seven Post-mortem examinations were performed this year as compared with two examinations in the previous year. The results were as follows :—

1 Broncho-Pneumonia (Influenza)— sent as Plague.
1 Typhoid Ulcer—sent as Dysentery.
1 Acute Hæmorrhagic Infiltration of muscles in Plague.
1 ,, ,, ,, ,, gland ,, ,,
1 Pyonephrosis—sent as Plague.
1 Plague ,, ,, Mumps.
1 Relapsing fever.

**European and Anglo-Indian Patients.**—The total number of admissions among European and Anglo-Indian patients was three. All three were suffering from Plague, one died and two recovered.

**Military Patients.**—Military admissions totalled 4 as compared with 21 during the previous year and comprised the following diseases :—

| Diseases. | Admissions. | Deaths. | Recoveries. | Remaining. | Fatality per cent. |
|---|---|---|---|---|---|
| Relapsing fever .. | 1 | .. | 1 | .. | *Nil.* |
| Plague .. .. .. | 1 | 1 | .. | .. | 100 |
| Mumps .. .. .. | 2 | .. | 1 | 1 | *Nil.* |
| Total .. | 4 | 1 | 2 | 1 | 25 |

The fees recoverable from the Government for the treatment approximated to Rs. 81-8-0.

**Accommodations.**—The following table shows the total number of beds in the Hospital in normal time :—

| Section. | Number of wards. | Beds per ward. | Total beds. | Remarks. |
|---|---|---|---|---|
| Permanent .. .. .. | 5 | 16 | 80 | Counted on 100 sq. feet basis. |
| Temporary .. .. .. | 2 | 13 | 26 | |
| Total .. | 7 | .... | 106 | |

## III—DISEASES.

**Plague.**—There were continuous admissions of Plague cases from February to October The highest number of admissions were 70 in the month of April, 32 in May, 28 in February and 24 in March. There was a decrease of 105 in the number of admissions compared with that in the previous year. As regards treatment Iodine solution·6 per cent. in the place of Collosol Iodine was mainly used in 10 ms. doses intravenously, and subcutaneously near the site of the Bubo once daily. The action of Adrenaline by mouth is doubtful and to test its effect every alternate case was treated without Adrenaline by mouth, the drug being only given by injection in case of collapse with falling blood pressure. Diaphoretics, Diuretics and Purges were also given in the early stages to assist in the eliminations of toxins. The results as compared in the table below show that if the Adrenaline is discarded as a routine medicine given by the mouth, there is no increase in the mortality rate.

| | Total. | Recovered. | Died. | Mortality per cent. |
|---|---|---|---|---|
| New treatment without Adrenaline .. .. .. | 86 | 22 | 64 | 74·4 |
| Old treatment with Adrenaline by mouth .. .. | 94 | 20 | 74 | 79·03 |
| Iodine solution .. .. | 153 | 41 | 112 | 73·2 |
| Other methods .. .. | 48 | 13 | 35 | 72·7 |
| Admitted in dying condition. | 33 | .. | 33 | 100 |

Among the total number of Plague admissions the following cases exhibited the secondary complications :—

| Complications. | Numbers. | Died. | Recovered. | Mortality rate per cent. |
|---|---|---|---|---|
| Secondary Pneumonia .. | 9 | 8 | 1 | 88·88 |
| Convulsions .. .. .. | 6 | 6 | .. | 100 per cent. |
| Tympanites .. .. .. | 6 | 6 | .. | 100 " " |
| Coffee ground vomiting .. | 8 | 8 | .. | 100 " " |
| Abortion .. .. .. | 1 | .. | 1 | *Nil.* |
| Secondary Hæmorrhage after incision of Buboes .. | 3 | 3 | .. | 100 |

List of Minor Operations.

| | Numbers. | Died. | Recovered. | Mortality per cent. |
|---|---|---|---|---|
| Incisions of Plague Buboes .. .. | 37 | 4 | 33 | 10·8 |
| Excisions of Plague Necrosis .. .. | 14 | 9 | 5 | 64·3 |
| Total .. | 51 | 13 | 38 | 25·4 |

During the year the following Bacteriological investigations of material from Plague patients were carried out in the Bombay Municipal and Parel Laboratories and other Hospitals :—

| | Total Specimen. | Positive. | Negative. |
|---|---|---|---|
| Smears from Buboes .. .. .. | 76 | 65 | 11 |
| Blood Cultures .. .. .. .. | 31 | 11 | 20 |
| Pus from Buboes .. .. .. | 22 | 9 | 13 |

**Relapsing Fever.**—The admissions numbered 161 as compared with 150 in 1921. The mortality rate was 26·9 per cent. as compared with 32 per cent. in 1921. The admissions remained continuous throughout the year. The blood of every patient was examined for the Spirilla of Relapsing fever. 98 cases gave positive results, 63 in the Municipal Laboratory and 35 in other Hospitals. Urines of all the patients were examined and almost all of them contained Bile and Albumen.

**Complications** :—

| | Total Number. | Recovered. | Died. | Mortality per cent |
|---|---|---|---|---|
| Pneumonia .. .. .. | 7 | 5 | 2 | 28·57 |
| Epistaxis .. .. .. | 8 | 5 | 3 | 37·5 |
| Convulsions .. .. .. | 3 | 3 | .. | *Nil.* |
| Abortion .. .. .. | 1 | .. | 1 | 100 |
| Mastoid Abscess .. .. | 2 | 2 | .. | *Nil.* |

**Influenza.**—There were 47 admissions of Influenzal Pneumonia with 11 deaths as compared to 69 admissions in the previous year with 31 deaths, the mortality rate being 22 per cent. as compared with 44 per cent. during the last year. The use of Influenzal Pneumonia Vaccine was continued with satisfactory results.

**Bacteriological Examinations.**—The table below shows the number of Bacteriological examinations made at the Municipal and Bombay Bacteriological Laboratories.

| Examinations of | Total. | Positive. | Negative. | Remarks. |
|---|---|---|---|---|
| Blood for Malaria .. .. .. | 130 | 36 | 94 | |
| „ „ Relapsing Fever .. .. | 163 | 63 | 100 | |
| „ „ Typhoid .. .. .. | 6 | .. | 6 | |
| Blood Count (Differential) .. .. | 52 | .. | .. | |
| Sputum for T. B. .. .. .. | 9 | 6 | 3 | |
| „ „ B. Pestis .. .. .. | 3 | .. | 3 | |
| Smears for B. Pestis (Plague) .. .. | 76 | 65 | 11 | |
| Stools for Typhoid .. .. .. | 2 | .. | 2 | |
| „ „ Dysentery .. .. | 3 | .. | 3 | |
| Cerebro-Spinal Fluid for Meningitis .. | 2 | .. | 2 | |
| Total .. | 446 | 170 | 224 | |

**Municipal Fire Brigade.**—The following table indicates the number of employes that received treatment as in-patients for various diseases during the year. They form 14·9 per cent. of the total number of in-patients treated :—

| Diseases. | Total Admissions. | Deaths. | Recoveries. | Mortality per cent. |
|---|---|---|---|---|
| Malaria .. .. .. .. | 40 | .... | 40 | *Nil.* |
| Influenza .. .. .. .. | 6 | .... | 6 | „ |
| Pneumonia .. .. .. .. | 1 | 1 | .... | 100 per cent. |
| Dysentery .. .. .. .. | 6 | .... | 6 | *Nil.* |
| Rheumatism .. .. .. .. | 3 | .... | 3 | „ |
| Anæmia .. .. .. .. | 4 | .... | 4 | „ |
| Syphilis .. .. .. .. | 1 | .... | 1 | „ |
| Injuries Local .. .. .. | 12 | .... | 12 | „ |
| Orchitis .. .. .. .. | 3 | .... | 3 | „ |
| Tuberculosis of Lungs .. | 1 | .... | 1 | „ |
| „ „ Glands .. | 1 | .... | 1 | „ |
| Jaundice .. .. .. .. | 1 | .... | 1 | „ |
| Joint Pain .. .. .. .. | 2 | .... | 2 | „ |
| Eczema .. .. .. .. | 1 | .... | 1 | „ |
| Abscess .. .. .. .. | 2 | .... | 2 | „ |
| Muscular Cramp .. .. | 1 | .... | 1 | „ |
| Swelling of Scrotum .. .. | 1 | .... | 1 | „ |
| Mental Shock .. .. .. | 1 | .... | 1 | „ |
| Total .. .. | 87 | 1 | 86 | 1·14 |

Besides these 724 were treated as out-patients.

P. T. PATEL, M.D., M.R.C.P. (Lond.), D.T.M. & H. (Camb.),
F.C.P.S. (Bom.),
*Medical Superintendent.*

Dated 28*th April* 1922.

# REPORT OF WORK DONE IN THE MUNICIPAL LABORATORY DURING 1922.

The total number of samples examined during the year was 5,304 as compared with 3,095 in 1921. Of the above, 3,618 samples were examined Chemically and 1,686 Bacteriologically. In 1921 the total number of Chemical samples was 1,745 and of Bacteriological samples 1,350.

## Chemical.

Out of 3,618 samples analysed Chemically the following 3,010 were food-stuffs:—

| | |
|---|---|
| Milk .. .. .. .. .. .. | 2,900 |
| Ghee .. .. .. .. .. .. | 44 |
| Butter .. .. .. .. .. | 6 |
| Oils .. .. .. .. .. .. | 22 |
| Other food-stuffs .. .. .. .. | 38 |
| Total .. | 3,010 |

**Milk**.—Of the 2,900 samples of milk examined 2,866 were sent by the Assistant Health Officers for legal purposes. Of the latter 1,760 samples were found to be *not* genuine and the proportion of adulterated samples thus amounted to 61·4 per cent. of the total number submitted as shown in the sub-joined statement.

Number of Milk samples submitted under Section 412 A of the Municipal Act.

| Received from | Total. | Genuine. | Not genuine. | Percentage of adulteration. |
|---|---|---|---|---|
| Assistant Health Officer, A & B Wards.. .. | 782 | 270 | 512 | 65·4 |
| „ „ „ C & D „ .. .. | 987 | 448 | 539 | 54·6 |
| „ „ „ E Ward .. .. | 433 | 225 | 208 | 48·0 |
| „ „ „ F „ .. .. | 351 | 103 | 248 | 70·6 |
| „ „ „ G „ .. .. | 313 | 60 | 253 | 80·8 |
| Total .. | 2,866 | 1,106 | 1,760 | 61·4 |

The following is the tabular statement of Legal cases:—

| Received from. | No. of samples *not* genuine. | No. of Warning letters issued. | No. of prosecutions. | No. of Convictions. | Withdrawn. | Pending. | Lowest Fine. | Highest Fine. | Total amount of fines. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Rs. |
| Assistant Health Officer, A & B Wards .. | 512 | 102 | 397 | 317 | 55 | 25 | 1 | 100 | 11,068 |
| Assistant Health Officer, C & D Wards .. | 539 | 140 | 388 | 337 | 47 | 4 | 5 | 100 | 8,562 |
| Assistant Health Officer, E Ward .. .. | 208 | 33 | 172 | 138 | 29 | 5 | 5 | 110 | 3,562 |
| Assistant Health Officer, F Ward .. .. | 248 | 35 | 208 | 162 | 24 | 22 | 7 | 68 | 3,954 |
| Assistant Health Officer, G Ward .. .. | 253 | 19 | 228 | 180 | 12 | 36 | 6 | 65 | 4,897 |
| Total .. | 1,760 | 329 | 1,393 | 1,134 | 167 | 92 | Total R | s. .. | 32,048 |

Fifteen samples of milk imported into Bombay from upcountry were collected at Grant ad Station and examined for preservatives with negative results. No other samples were amined for preservatives during the year.

### Butter, Ghee and Oils.

Out of 44 samples of Ghee, 8 were found to be not genuine, and of 6 samples of Butter all were genuine. 22 samples of oils were examined. Out of these 16 were sent by the Municipal Storekeeper.

### Other Food-Stuffs.

38 Samples of food-stuffs were examined and 7 were found to be unfit for human consumption as shown in the subjoined statement:—

| Nature of Sample. | Genuine. | Fit for human consumption. | Unfit for human consumption. |
|---|---|---|---|
| Wheat flour | 4 | .. | .. |
| Tea | 5 | .. | .. |
| Coffee | 6 | .. | .. |
| Benger's Food | .. | 1 | .. |
| Extract of Meat | .. | 1 | .. |
| Essence of Beef | .. | 1 | .. |
| Jaggery | .. | 4 | .. |
| Cheese | .. | 1 | 2 |
| "Atta" | 1 | .. | .. |
| Cocoa | 2 | .. | .. |
| Mawa | 1 | .. | .. |
| Bread | 1 | .. | .. |
| Other Foods | .... | 3 | 5 |
| Total | 20 | 11 | 7 |

### Waters.

242 Samples of water were examined. Out of these 214 were from the Public Water Supply, 26 were Well Waters, and 2 Aerated Waters.

### Samples for Diagnostic Purposes.

324 Samples of Urine were examined chemically.

### Miscellaneous Samples.

Lime 8, Sewage 3, Soap 2, Stamping Ink 2, Stone 3, Pig Lead 5, Chemicals 10, "Petometer" Deposit 1, Drugs 6, and Liquid Fuel 2.

# Results of the Chemical Analysis of Bombay Waters in 1922, Parts per 100,000.

| | January. | | February. | | March. | | April. | | May. | | June. | | July. | | August. | | September. | | October. | | November. | | December. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Waters from Tansa Lake.* | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Solids .. .. .. .. .. .. .. .. .. .. | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Chlorine .. .. .. .. .. .. .. .. .. .. | 1.0 | 1.0 | 1.1 | 1.1 | 1.0 | 1.1 | 1.1 | 1.2 | 1.3 | 1.3 | 1.3 | 1.3 | 1.0 | 1.0 | 1.0 | 1.1 | 1.0 | 1.1 | 1.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| Free Ammonia .. .. .. .. .. .. .. .. .. | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* |
| Albuminoid Ammonia .. .. .. .. .. .. .. .. | 0.009 | 0.011 | 0.012 | 0.011 | 0.012 | 0.007 | 0.011 | 0.12 | 0.010 | 0.011 | 0.012 | 0.012 | 0.007 | 0.007 | 0.008 | 0.009 | 0.009 | 0.010 | 0.008 | 0.009 | 0.009 | 0.012 | 0.007 | 0.011 |
| Nitrites .. .. .. .. .. .. .. .. .. .. | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* |
| *Waters from Vehar Lake.* | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Solids .. .. .. .. .. .. .. .. .. .. | 12.0 | 12.0 | 12.0 | 12.0 | 11.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 11.0 | 11.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| Chlorine .. .. .. .. .. .. .. .. .. .. | 1.3 | 1.4 | 1.4 | 1.3 | 1.4 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 | 1.3 | 1.4 | 1.3 | 1.4 | 1.4 | 1.3 | 1.3 | 1.4 | 1.4 | 1.3 | 1.4 | 1.4 | 1.3 | 1.4 |
| Free Ammonia .. .. .. .. .. .. .. .. .. | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* |
| Albuminoid Ammonia .. .. .. .. .. .. .. .. | 0.019 | 0.029 | 0.027 | 0.025 | 0.030 | 0.035 | 0.033 | 0.029 | 0.026 | 0.031 | 0.036 | 0.020 | 0.019 | 0.018 | 0.017 | 0.014 | 0.013 | 0.014 | 0.013 | 0.020 | 0.018 | 0.016 | 0.013 | 0.015 |
| Nitrites .. .. .. .. .. .. .. .. .. .. | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* |
| *Waters from Tulsi Lake.* | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Solids .. .. .. .. .. .. .. .. .. .. | 12.0 | 12.0 | 12.0 | 12.0 | 11.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 |
| Chlorine .. .. .. .. .. .. .. .. .. .. | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.3 | 1.4 | 1.4 | 1.4 | 1.5 | 1.4 | 1.2 | 1.3 | 1.4 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.3 | 1.2 | 1.3 | 1.3 |
| Free Ammonia .. .. .. .. .. .. .. .. .. | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* |
| Albuminoid Ammonia .. .. .. .. .. .. .. .. | 0.027 | 0.019 | 0.021 | 0.031 | 0.034 | 0.020 | 0.024 | 0.026 | 0.023 | 0.024 | 0.029 | 0.021 | 0.018 | 0.014 | 0.015 | 0.013 | 0.014 | 0.015 | 0.020 | 0.014 | 0.015 | 0.012 | 0.015 | 0.016 |
| Nitrites .. .. .. .. .. .. .. .. .. .. | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* |
| *Tansa Water taken at Ghatkopar Syphon Head.* | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Solids .. .. .. .. .. .. .. .. .. .. | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Chlorine .. .. .. .. .. .. .. .. .. .. | 1.0 | 1.1 | 1.1 | 1.1 | 1.2 | 1.0 | 1.1 | 1.1 | 1.2 | 1.2 | 1.1 | 1.2 | 1.0 | 1.0 | 1.1 | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 | 1.0 |
| Free Ammonia .. .. .. .. .. .. .. .. .. | *Nil.* | *Nil* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* |
| Albuminoid Ammonia .. .. .. .. .. .. .. .. | 0.006 | 0.007 | 0.010 | 0.011 | 0.010 | 0.005 | 0.010 | 0 .011 | 0.011 | 0.010 | 0.010 | 0.010 | 0.006 | 0.006 | 0.007 | 0.008 | 0.007 | 0.008 | 0.008 | 0.007 | 0.008 | 0.010 | 0.008 | 0.010 |
| Nitrites .. .. .. .. .. .. .. .. .. .. | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* |
| *Vehar Waters from 32" Vehar Main at Bhandarwada Reservoir.* | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Solids .. .. .. .. .. .. .. .. .. .. | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 12.0 | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 12.0 | 12.0 | 12.0 | 11.0 | 11.0 | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 |
| Chlorine .. .. .. .. .. .. .. .. .. .. | 1.4 | 1.3 | 1.2 | 1.3 | 1.2 | 1.3 | 1.2 | 1.2 | 1.3 | 1.4 | 1.3 | 1.2 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.3 | 1.2 | 1.3 | 1.3 | 1.2 | 1.2 |
| Free Ammonia .. .. .. .. .. .. .. .. .. | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* |
| Albuminoid Ammonia .. .. .. .. .. .. .. .. | 0.014 | 0.028 | 0.020 | 0.021 | 0.024 | 0.018 | 0.019 | 0.020 | 0.023 | 0.025 | 0.025 | 0.018 | 0.018 | 0.015 | 0.013 | 0.013 | 0.010 | 0.012 | 0.013 | 0.014 | 0.011 | 0.014 | 0.009 | 0.010 |
| Nitrites .. .. .. .. .. .. .. .. .. .. | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* | *Nil.* |

## Tabular statement of samples received for Chemical examination during the year 1922.

| Source of Samples. | Milk. | Ghee. | Oils. | Butter. | Food-Stuffs. | Bombay Waters. | Well Waters. | Aerated Waters. | Urine. | Lime. | Drugs. | Chemicals. | " Petometer " Deposit. | Liquid Fuel. | Sewage. | Soap. | Stamping Ink. | Stone. | Pig Lead. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Health Officer .. .. .. .. .. .. | 13 | .. | .. | .. | 4 | 1 | .. | .. | .. | 1 | 1 | 4 | .. | .. | .. | .. | .. | .. | .. | 24 |
| Assistant Health Officer, A and B Wards .. .. | 782 | 8 | .. | .. | 5 | 2 | 5 | .. | 5 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 808 |
| „ „ „ C & D „ .. .. | 987 | 14 | .. | 6 | 23 | 1 | 11 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1,045 |
| „ „ „ E Ward .. .. | 433 | .. | 1 | .. | 2 | .. | .. | 2 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | 440 |
| „ „ „ F „ .. .. | 351 | 19 | .. | .. | .. | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 374 |
| „ „ „ G „ .. .. | 313 | 2 | .. | .. | .. | 4 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 324 |
| Hydraulic Engineer .. .. .. .. .. | .. | .. | .. | .. | .. | 203 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 204 |
| Other Sources .. .. .. .. .. .. | 12 | .. | 21 | .. | 3 | .. | .. | .. | 3 | 7 | 2 | 5 | .. | 2 | 3 | 2 | 2 | 2 | 5 | 69 |
| Private .. .. .. .. .. .. .. | 9 | 1 | .. | .. | 1 | .. | 4 | .. | 313 | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | 330 |
| Total .. | 2,900 | 44 | 22 | 6 | 38 | 214 | 26 | 2 | 324 | 8 | 6 | 10 | 1 | 2 | 3 | 2 | 2 | 3 | 5 | 3,618 |

## Bacteriological.

1,686 samples were examined bacteriologically.

## Milk.

3 samples of milk for Cholera with *negative* results.
83 samples of milk for Typhoid with *negative* results.
1 sample of milk for Diphtheria with *negative* results.
These samples were in every case received from the Assistant Health Officers.

## Waters.

208 samples of Water were examined, 173 being from the Public Water Supply, 2 Aerated Waters, and 10 from other sources. Of these, 124 from the Public Water Supply, 2 Aerated Waters, and 5 from other sources were examined for the total number of Microbes per c.c., for Lactose Fermenters, and B. Coli (Houston) in various dilutions ranging from 0·001 c.c. to 50 c.c., and for Streptococci, B. Enteritides Sporogenes and for Cholera Vibrio with the following results :—

| | |
|---|---|
| Number containing Lactose Fermenters and B. Coli (Houston) in from 0.001 c.c. to 50 c.c. | 131 |
| Number containing B. Enteritides Sporogenes, Cholera Vibrios and Streptococci | *Nil.* |
| Samples examined for the total number of Bacteria | 131 |

The remaining 77 were submitted by the Assistant Health Officers for examination for the presence of Cholera and Typhoid Bacilli ; 72 being from the Water Taps and 5 from Wells.

The results of the examinations made were as follows :—
15 samples for Cholera Vibrios with negative results.
62 samples for Typhoid Bacilli with negative results.
These were also examined for evidence of Sewage Contamination with negative results.

## Stools.

37 stools were examined for Cholera Vibrios with positive result in one.
2 stools were examined for Amoebae with negative results.
3 stools were examined for B. Typhosus with negative results.
1 stool was examined for Micro-organisms.

## Calf-Lymph for Vaccination.

434 Capillary tubes of Vaccine prepared by the Superintendent of Vaccination were examined for the presence of Pathogenic Micro-organisms with *negative* results.

## Samples for Diagnostic Purposes.

Of 892 samples sent for diagnostic purposes, 867 came from the Medical Superintendent of Hospitals, 14 from private Medical Practitioners and 11 from Assistant Health Officers. The results are shown in the subjoined statement.

| Nature of sample. | Number. | Results, | |
|---|---|---|---|
| | | Positive. | Negative. |
| Blood smears for Malaria | 282 | 42 | 240 |
| ,, ,, ,, Relapsing Fever | 271 | 67 | 204 |
| ,, ,, ,, B. Pestis | 42 | 5 | 37 |
| ,, ,, ,, Differential Count | 37 | .. | .. |
| Blood for Filaria | 1 | .. | 1 |
| ,, ,, Widal's Reaction | 36 | .. | 36 |
| Pus smears for Gonococci | 3 | 2 | 1 |
| ,, ,, from Bubos for B. Pestis | 94 | 60 | 34 |
| ,, ,, for Micro-organisms | 8 | 8 | .. |
| Sputum for Tubercle Bacilli | 24 | 11 | 13 |
| ,, ,, Pneumococci | 2 | .. | 2 |
| Cerebro Spinal Fluid for Meningococci | 86 | 33 | 53 |
| Tooth Brushes for Anthrax | 3 | .. | 3 |
| Mawa for Cholera | 1 | .. | 1 |
| Guinea Pig Fleas for B. Pestis | 1 | .. | 1 |
| Mutton for Anthrax | 1 | .. | 1 |
| Total | 892 | 228 | 627 |

## Disinfectants.

22 Disinfectants were examined to determine the Carbolic Acid Coefficient.

Several experiments were conducted to test the efficiency of various Larvicides, as shown in the following table :—

| Larvicide. | Dilution. | Effect on Larvæ. | Pupæ. | Rate per gallon. | Cost. |
|---|---|---|---|---|---|
| | | | | Rs. a. p. | |
| Gorgas' Fluid * .. | 1 : 1,000 | A & C killed in ½ hour. | Not killed. | 7 8 0 | 4 as. per 5. c. ft. |
| | 1 : 500 | A & C killed in 12 minutes. | Not affected in one hour. | | |
| | 1 : 250 | A & C killed in 4 minutes. | Killed in ½ hour. | | |
| | 1 : 100 | A & C killed immediately. | Killed in 10 minutes. | | |
| 90% Kerosine Oil +10% Pesterine. | 3 ozs. per 10 sq. feet. | C killed in 25 mts. | Killed in 25 mts. | | 3 pies per 10sq.ft. |
| 66·6% Kerosine Oil+33·3% Pesterine. | „ | C killed in 40 mts. | Killed in 40 mts. | | 2½ pies per 10 sq. ft. |
| 50%Kerosine Oil+50% Pesterine. | „ | C killed in 3 hrs. & 50 mts. | Not affected in 3 hours. | | |
| 33·3%Kerosine Oil +66.6% Pesterine. | „ | C killed in 6 hrs. | Not affected in 3 hours. | | |
| Kerosine Oil Emulsion. † | 10 ozs. of 1 : 10 dilution per 10 sq. ft. | A & C killed in ½ hour. | Killed in ½ hour. | | 1¼ pies per 10 sq. ft. |

*Conclusions.*—1. A percentage of Kerosine Oil below 66% reduces very greatly the larvicidal power of Kerosine Oil and Pesterine mixture.

2. 10 Ounces of 1 in 10 dilution of Kerosine Oil emulsion for every 10 square feet was necessary to kill larvæ in ½ hour in pools at the cost of approximately 1¼ pie per 10 square feet.

* = Gorgas' fluid consists of Crude Carbolic Acid 25 gallons, Resin 50 lbs., and Caustic Soda 15¾ lbs.

† The Kerosine Emulsion was made up of soap 3 parts, water 15 parts and Kerosine Oil 100 parts. For treating pools of water, 1 in 10 dilution of the emulsion was made by the addition of 1 part of the latter to 9 parts of water.

*18th April* 1923.

C. COUTINHO, D. Hy., B. Sc., L.M. & S.,
*Municipal Analyst.*

# THE ANNUAL REPORT OF THE SUPERINTENDENT OF VACCINATION FOR THE YEAR 1922.

I was in charge of the Department throughout the year.

(1) **Establishment.**—Besides the Superintendent and one Assistant Superintendent there were 10 Vaccinators, 7 Clerks, 14 Karkoons, 3 Peons, 17 Coolies and 1 Watchman.

(2) **Vaccine Operations with Results.**—The following statement gives the number of persons primarily vaccinated and re-vaccinated during 1922, and the preceding nine years with the percentage of successful operations :—

| Year. | Primary Vaccinations. | | | Revaccinations. | Total Number of persons vaccinated. |
|---|---|---|---|---|---|
| | Number of persons vaccinated. | Number successful. | Percentage of success. | Number of persons re-vaccinated. | |
| 1913 ... ... ... ... .. ... ... | 20,877 | 18,559 | 88·90 | 15,189 | 36,066 |
| 1914 ... ... ... ... ... ... .. | 20,207 | 17,704 | 87·61 | 12,243 | 32,450 |
| 1915 ... .. ... ... ... ... ... | 19,721 | 17,831 | 90·42 | 10,116 | 29,837 |
| 1916 ... ... ... ... ... ... ... | 19,215 | 16,529 | 86·02 | 31,746 | 50,961 |
| 1917 ... ... ... ... ... ... ... | 18,958 | 17,330 | 91·41 | 19,659 | 38,617 |
| 1918 ... ... ... ... .. ... ... | 18,100 | 16,036 | 88·59 | 45,171 | 63,271 |
| 1919 ... ... ... ... ... ... ... | 14,669 | 12,820 | 87·39 | 16,949 | 31,618 |
| 1920 ... ... ... ... ... ... ... | 14,463 | 12,713 | 87·89 | 21,825 | 36,288 |
| 1921 ... ... ... ... ... ... ... | 18,267 | 15,399 | 84·30 | 20,341 | 38,608 |
| 1922 ... ... ... ... ... ... ... | 18,886 | 16,315 | 86·39 | 8,903 | 27,789 |

Out of the persons primarily vaccinated 11,684 were born in Bombay and 7,202 were born out of the City as compared with 11,809 and 6,458 respectively in the previous year.

Out of the primary vaccinations 16,315 were ascertained to have been successful, the percentage of known successes being 86·39. This percentage would be raised to 98·76 by the exclusion of 2,367 cases the result of which was not ascertained.

(3) **Result of Vaccination by Ages.**—The following table shows the result of Primary Vaccinations by age periods :—

| Under 1 year. | | | 1 to 6 years. | | | 6 years and upwards. | | | Total Results. | | | Total operations. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Successful. | Unsuccessful. | Unknown. | Successful. | Unsuccessful. | Unknown. | Successful. | Unsuccessful. | Unknown. | Successful. | Unsuccessful. | Unknown. | |
| 12,370 | 161 | 1,594 | 3,895 | 43 | 756 | 47 | 3 | 17 | 16,312 | 207 | 2,367 | 18,886* |

---

* In addition to this number 3 operations were performed as secondary, which were successful, the total number of operations, therefore, comes to 18,889.

(4) **Inspection of Vaccination.**—Table showing the particulars of Primary Vaccinations verified by the Inspecting Officers :—

| Total No. of Primary Vaccinations. | Total No. inspected. | | Percentage of Inspection to total number vaccinated. | | Percentage of cases found successful to total number inspected. | | Percentage of success reported by the Vaccinators. |
|---|---|---|---|---|---|---|---|
| | By the Supdt. | By the Asstt. Supdt. and the Head Vaccinator. | By the Supdt. | By the Asstt. Supdt. and the Head Vaccinator. | By the Supdt. | By the Asstt. Supdt. and the Head Vaccinator. | |
| 18,886 | *S + F†<br>(4,000+65=4,065) | *S + F†<br>(6,438+110=6,548) | 21·52 | 34·67 | 98·47 | 98·32 | 98·76 |

* S.=Successful and † F.=Failed.

(5) **Heifers Inoculated for Emulsion, &c.**—During the year 468 heifers in all were inoculated ; out of which 449 were successful and 19 were unsuccessful ; and out of 468 heifers, 209 were for emulsion and 259 for calf-to-arm vaccination.

(6) **Lymph.**—209 calves were scraped for lymph ; the total amount of scraping came to 19,065 grains or 91 grains per calf. The lymph was submitted to the Municipal Analyst for bacteriological examination for pathogenic micro-organisms, which were absent in every case.

(7) **Lymph Used.**—The following table shows the results of calf-to-arm vaccination and of vaccination with glycerinated calf lymph :—

| Kind of Lymph. | Number of operations. | | Primary Vaccinations. | | |
|---|---|---|---|---|---|
| | Primary. | Re-vaccination. | Successful cases excluding the "Unknown." | "Unknown" cases. | Percentage of success excluding the "Unknown." |
| (*a*) Animal ... ... ... | 4,192 | 455 | 3,691 | 459 | 98·87 |
| (*b*) Glycerinated ... ... ... | 14,694 | 9,217 | 12,624 | 1,908 | 98·71 |
| Total ... | 18,886 | 9,672 | 16,315 | 2,367 | 98·76 |

(8) **Income.**—The following statement shows the proceeds from the sale of lymph and the fees realized from vaccination at private places, &c., during the year under report :—

| Amount realized by the sale of lymph. | Municipal moiety of fees from private vaccination. | Municipal fees (moiety only) for vaccination instruction to medical students. | Municipal fee for giving vaccination extracts, &c. | Total. |
|---|---|---|---|---|
| Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 2,172 8 0 | 933 14 0 | 855 0 0 | 81 0 0 | 4,042 6 0 |

(9) **Cost of Single Operation.**—The cost of each successful vaccine operation including all charges was Rs. 3-10-1 against Rs. 3-7-2 in the preceding year ; if the amount realized by the sale of lymph, by fees for private vaccination, &c., (Rs. 4,042-6-0) be deducted from the total expenditure, the cost works out at Rs. 3-3-2 against Rs. 3-0-6 for the last year. If calculated on the total number of vaccine operations the cost of each operation after deducting the proceeds from the sale of lymph from private vaccination, &c., comes to Rs. 1-10-3 against Rs. 1-3-4 for the last year.

(10) **Postponement Certificates.**—During the year under report 53 certificates of postponement of vaccination were granted.

(11) **Prosecutions.**—There was no prosecution during the year, either for failure to bring infants for vaccination or for failure to present them for inspection seven days after the operation.

(12) **Ill-Effects by Vaccinations.**—No serious ill-effects following vaccinations were observed or brought to notice during the year.

(13) **Instructions to Students.**—During the year under report 5 Military Medical Pupils, 138 Civil Medical Pupils, and 28 other private students from mofussil attended the different Public Vaccine Stations for instructions in vaccination.

(14) **Vaccination of Pilgrims.**—The number of pilgrims who left Bombay for the Haj during the year was 8,575, of these 7,960 or 92·83 per cent. were vaccinated in Bombay before embarkation.

The following table shows the number of males and females and the number of primary vaccinations and re-vaccinations performed amongst the pilgrims by a special staff engaged for this work:—

| | Males. | Females. | Total. |
|---|---|---|---|
| Primary Vaccinations ... ... ... ... ... | 80 | 33 | 113 |
| Re-vaccinations ... ... ... ... ... ... | 6,052 | 1,795 | 7,847 |
| Total ... | 6,132 | 1,828 | 7,960 |

(15) **Bandra and Kurla Vaccination.**—The following table shows the vaccination work done in Bandra and Kurla Circles upto the end of August 1922:—

| Vaccination Circle. | Population according to Census of 1921. | Year. | Children successfully vaccinated. | | Persons primarily vaccinated. | Persons re-vaccinated. | Total number of persons operated upon. |
|---|---|---|---|---|---|---|---|
| | | | Under 1 year. | 1 to 6 years. | | | |
| Bandra ... ... | 27,411 | 1922 | 101 | 59 | 287 | 202 | 489 |
| Kurla ... ... | 26,059 | 1922 | 14 | 6 | 45 | ... | 45 |

B. B. DARABSETT,
L.R.C.P. (LONDON),
*Superintendent of Vaccination,*
*Bombay.*

BOMBAY, *4th April* 1923.

# 1

## TABLE OF POPULATION.

### A—By Sexes and Sections.

| 1 | | 2 | | | 3 | | |
|---|---|---|---|---|---|---|---|
| Ward. | Section. | Population by the Census of 1921. | | | Estimated Population in the Middle of the Year 1922. | | |
| | | Males. | Females. | Total. | Males. | Females. | Total. |
| A | Upper Colaba ... ... | 2,813 | 934 | 3,747 | 2,808 | 932 | 3,740 |
| | Middle and Lower Colaba | 13,758 | 6,290 | 20,048 | 13,766 | 6,293 | 20,059 |
| | Fort South ... ... | 3,469 | 684 | 4,153 | 3,535 | 697 | 4,232 |
| | Fort North ... ... | 19,642 | 11,279 | 30,921 | 20,046 | 11,511 | 31,557 |
| | Esplanade ... ... | 11,591 | 3,980 | 15,571 | 11,571 | 3,973 | 15,544 |
| B | Mandvi ... ... ... | 25,789 | 12,823 | 38,612 | 26,196 | 13,025 | 39,221 |
| | Chukla ... ... ... | 16,533 | 6,463 | 22,996 | 16,504 | 6,451 | 22,955 |
| | Umerkhadi ... ... | 29,635 | 17,583 | 47,218 | 29,704 | 17,624 | 47,328 |
| | Dongri ... ... ... | 12,596 | 8,153 | 20,749 | 12,574 | 8,139 | 20,713 |
| C | Market ... ... ... | 27,008 | 8,072 | 35,080 | 27,434 | 8,199 | 35,633 |
| | Dhobi Talao ... ... | 27,873 | 14,298 | 42,171 | 28,112 | 14,421 | 42,533 |
| | Fanaswadi ... ... | 19,732 | 10,373 | 30,105 | 19,919 | 10,471 | 30,390 |
| | Bhuleshwar ... ... | 23,744 | 10,878 | 34,622 | 23,702 | 10,859 | 34,561 |
| | Khara Talao ... ... | 16,038 | 7,887 | 23,925 | 16,089 | 7,912 | 24,001 |
| | Kumbharwada ... ... | 21,726 | 10,755 | 32,481 | 22,087 | 10,934 | 33,021 |
| D | Khetwadi ... ... | 24,481 | 15,134 | 39,615 | 25,032 | 15,474 | 40,506 |
| | Girgaum ... ... | 22,333 | 13,670 | 36,003 | 22,699 | 13,894 | 36,593 |
| | Chawpati ... ... | 8,870 | 5,390 | 14,260 | 9,078 | 5,516 | 14,594 |
| | Walkeshwar ... ... | 11,502 | 6,609 | 18,111 | 12,075 | 6,938 | 19,013 |
| | Mahalakshmi ... ... | 24,197 | 13,843 | 38,040 | 25,088 | 14,353 | 39,441 |
| E | Mazagon ... ... | 23,130 | 13,643 | 36,773 | 23,617 | 13,930 | 37,547 |
| | Tarwadi ... ... ... | 26,724 | 13,993 | 40,717 | 27,686 | 14,497 | 42,183 |
| | 2nd Nagpada ... ... | 14,583 | 8,520 | 23,103 | 14,668 | 8,570 | 23,238 |
| | Kamathipura ... ... | 27,369 | 17,216 | 44,585 | 27,922 | 17,564 | 45,486 |
| | Tardeo ... ... ... | 19,650 | 12,336 | 31,986 | 19,940 | 12,518 | 32,458 |
| | Byculla ... ... ... | 58,370 | 32,970 | 91,340 | 59,546 | 33,634 | 93,180 |
| | 1st Nagpada ... ... | 5,131 | 2,514 | 7,645 | 5,226 | 2,560 | 7,786 |
| F | Parel ... ... .. | 38,164 | 22,032 | 60,196 | 39,264 | 22,667 | 61,931 |
| | Sewri ... ... ... | 17,126 | 11,519 | 28,645 | 17,812 | 11,981 | 29,793 |
| | Sion ... ... ... | 34,507 | 21,937 | 56,444 | 36,416 | 23,150 | 59,566 |
| G | Mahim ... ... ... | 29,425 | 18,705 | 48,130 | 30,722 | 19,529 | 50,251 |
| | Worli ... ... ... | 78,444 | 41,346 | 1,19,790 | 80,778 | 42,576 | 123,354 |
| Harbour, Docks, Railways and Unknown ... ... ... | | 35,379 | 2,753 | 38,132 | 35,317 | 2,748 | 38,065 |
| | Total ... | 771,332 | 404,582 | 1,175,914 | 786,933 | 413,540 | 1,200,473 |

### B—By Communities.

| | | |
|---|---|---|
| Jains ... ... ... ... | 23,884 | 24,311 |
| Brahmins ... ... ... ... | 72,400 | 74,740 |
| Lingaits ... ... .. ... | 866 | 866 |
| Bhatias ... ... ... ... | 9,015 | 9,169 |
| Banias ... ... ... ... | 58,824 | 59,683 |
| Hindus of other castes ... ... | 560,951 | 569,140 |
| Hindus, Low Castes ... ... | 135,634 | 145,803 |
| Mussalmans ... ... ... | 184,685 | 185,345 |
| Parsees ... ... ... ... | 52,234 | 52,394 |
| Jews ... ... ... ... | 7,548 | 7,667 |
| Indian Christians ... ... ... | 48,719 | 49,648 |
| Anglo-Indians ... ... ... | 4,724 | 4,790 |
| Europeans ... ... ... ... | 14,726 | 15,080 |
| Buddhists ... ... ... ... | 1,645 | 1,778 |
| Other and Unknown Castes ... | 59 | 59 |
| Total ... | 1,175,914 | 1,200,473 |

## 2

### TABLE showing the Area, Density of Population, the Number of Births and the Birth-rates by Sections in 1922.

| 1 | 2 | 3 | 4 | 5 | | | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|---|
| Ward. | Section. | Area in Acres. | Average Population per acre calculated on the Census Population of 1921. | Number of Births registered. | | | Rates of Births per 1,000 of Population. | Excess of deaths over births per 1,000 of Population. | Mean ratio of births per 1,000 of Population during the previous 5 years. |
| | | | | Males. | Females. | Total. | | | |
| A | Upper Colaba ... | 162·64 | 23·04 | 49 | 34 | 83 | 22·19 | 6·95 | 39·05 |
| | Middle and Lower Colaba | 279·74 | 71·67 | 127 | 139 | 266 | 13·26 | 16·65 | 15·59 |
| | Fort, South | 133·11 | 31·20 | 12 | 14 | 26 | 6·14 | 13·46 | 8·88 |
| | Fort, North | 158·68 | 194·86 | 237 | 211 | 448 | 14·19 | 18·28 | 22·07 |
| | Esplanade | 709·64 | 21·94 | 120 | 127 | 247 | 15·89 | 16·98 | 15·70 |
| B | Mandvi | 187·33 | 206·12 | 162 | 183 | 345 | 8·79 | 15·68 | 12·04 |
| | Chukla | 47·02 | 489·07 | 202 | 210 | 412 | 17·94 | 13·15 | 15·92 |
| | Umarkhadi | 100·64 | 469·18 | 567 | 505 | 1,072 | 22·65 | 17·28 | 27·05 |
| | Dongri | 302·66 | 68·56 | 227 | 220 | 447 | 21·58 | 15·93 | 18·03 |
| C | Market | 85·21 | 411·69 | 187 | 175 | 362 | 10·15 | 9·17 | 10·36 |
| | Dhobi Talao | 118·27 | 356·57 | 342 | 385 | 727 | 17·09 | 8·72 | 21·30 |
| | Fanaswadi | 98·44 | 305·82 | 220 | 214 | 434 | 14·28 | 12·27 | 18·71 |
| | Bhuleshwar | 73·16 | 471·30 | 263 | 258 | 521 | 15·07 | 17·36 | 16·09 |
| | Khara Talao | 41·14 | 581·55 | 242 | 241 | 483 | 20·12 | 16·04 | 23·13 |
| | Kumbharwada | 44·08 | 736·86 | 221 | 266 | 487 | 14·74 | 10·75 | 21·38 |
| D | Khetwadi | 155·00 | 255·58 | 398 | 407 | 805 | 19·87 | 5·99 | 23·06 |
| | Girgaum | 112·40 | 320·31 | 332 | 315 | 647 | 17·68 | 8·82 | 21·90 |
| | Chowpati | 108·72 | 131·46 | 154 | 147 | 301 | 20·62 | 2·12 | 24·39 |
| | Walkeshwar | 589·90 | 30·70 | 166 | 177 | 343 | 18·04 | ... | 23·81 |
| | Mahalakshmi | 658·51 | 57·77 | 334 | 293 | 627 | 15·89 | 10·24 | 21·50 |
| E | Mazagon | 1,075·48 | 34·19 | 436 | 403 | 839 | 22·34 | 19·22 | 25·33 |
| | Tarwadi | 498·81 | 81·63 | 402 | 429 | 831 | 19·69 | 11·18 | 27·65 |
| | 2nd Nagpada | 83·05 | 699·03 | 232 | 200 | 432 | 18·59 | 22·03 | 22·88 |
| | Kamathipura | 62·44 | 714·05 | 399 | 421 | 820 | 18·02 | 13·89 | 20·51 |
| | Tardeo | 149·86 | 213·44 | 325 | 285 | 610 | 18·79 | 16·46 | 23·42 |
| | Byculla | 567·57 | 160·93 | 804 | 739 | 1,543 | 16·55 | 20·81 | 21·84 |
| | 1st Nagpada | 29·38 | 260·21 | 88 | 75 | 163 | 20·93 | 1·41 | 24·02 |
| F | Parel | 561·25 | 107·25 | 566 | 526 | 1,092 | 17·63 | 12·44 | 19·51 |
| | Sewri | 577·70 | 49·58 | 270 | 249 | 519 | 17·42 | 19·06 | 25·63 |
| | Sion | 3,559·10 | 15·86 | 491 | 482 | 973 | 16·33 | 18·38 | 24·00 |
| G | Mahim | 1,511·00 | 31·85 | 564 | 554 | 1,118 | 22·24 | 9·09 | 25·10 |
| | Worli | 2,273·38 | 52·65 | 1,230 | 1,198 | 2,428 | 19·68 | 15·24 | 21·41 |
| | Harbour, Docks, Railways and Unknown | ...... | ...... | 1 | ...... | 1 | 00·02 | 13·81 | ...... |
| | Total ... | 15,065·61 | 78·05 | 10,370 | 10,082 | 20,452 | 17·03 | 14·03 | 20·21 |

## 3

### TABLE of BIRTHS in different Months by Caste in 1922.

| MONTHS. | Jains. | Brahmins. | Lingaits. | Bhatias. | Banias. | Hindus of Other Castes. | Hindus, Low Caste. | Mussalmans including Negro-Africans. | Parsees. | Jews. | Indian Christians. | Anglo-Indians. | Europeans. | Buddhists. | Other and Unknown Castes. | TOTAL. | Mean of 5 years 1917-1921. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January ... ... ... ... ... | 9 | 39 | 7 | 14 | 35 | 832 | 290 | 323 | 118 | 25 | 81 | 12 | 14 | 1 | 1 | 1,801 | 1,886 |
| February ... ... ... ... ... | 15 | 45 | 7 | 14 | 43 | 738 | 271 | 269 | 82 | 28 | 84 | 9 | 13 | 2 | ... | 1,620 | 1,580 |
| March ... ... ... ... ... | 11 | 51 | 5 | 13 | 29 | 719 | 262 | 238 | 111 | 18 | 69 | 3 | 11 | ... | ... | 1,540 | 1,594 |
| April ... ... ... ... ... | 7 | 42 | 4 | 8 | 39 | 606 | 294 | 238 | 70 | 19 | 59 | 9 | 11 | 3 | 2 | 1,406 | 1,534 |
| May ... ... ... ... ... | 6 | 30 | ... | 11 | 25 | 609 | 282 | 220 | 107 | 26 | 92 | 9 | 12 | 2 | 1 | 1,432 | 1,561 |
| June ... ... ... ... ... | 7 | 30 | 3 | 11 | 43 | 628 | 264 | 293 | 99 | 12 | 74 | 7 | 10 | 1 | ... | 1,482 | 1,463 |
| July ... ... ... ... ... | 4 | 35 | 15 | 8 | 22 | 680 | 249 | 330 | 65 | 18 | 76 | 5 | 14 | 3 | 1 | 1,525 | 1,627 |
| August ... ... ... ... ... | 10 | 41 | 18 | 5 | 26 | 738 | 294 | 310 | 110 | 19 | 95 | 10 | 20 | 1 | ... | 1,697 | 1,768 |
| September... ... ... ... ... | 12 | 69 | 8 | 9 | 35 | 851 | 322 | 292 | 110 | 17 | 95 | 15 | 20 | 2 | ... | 1,857 | 1,766 |
| October ... ... ... ... ... | 7 | 76 | 12 | 14 | 44 | 881 | 375 | 331 | 115 | 30 | 92 | 15 | 21 | 4 | 2 | 2,019 | 1,917 |
| November ... ... ... ... ... | 15 | 60 | 11 | 8 | 37 | 804 | 407 | 332 | 131 | 27 | 96 | 8 | 25 | 1 | ... | 1,962 | 1,952 |
| December ... ... ... ... ... | 15 | 48 | 10 | 12 | 36 | 947 | 412 | 333 | 145 | 16 | 108 | 7 | 17 | 5 | ... | 2,111 | 1,946 |
| Total ... ... ... ... ... | 118 | 566 | 100 | 127 | 414 | 9,033 | 3,722 | 3,504 | 1,263 | 255 | 1,021 | 109 | 188 | 25 | 7 | 20,452 | 20,594 |
| Rate per 1,000 of Population. 1922... | 4·85 | 7·57 | 115·47 | 13·85 | 6·93 | 15·87 | 25·52 | 18·90 | 24·10 | 33·25 | 20·56 | 22·75 | 12·46 | 14·06 | 118·64 | 17·03 | 20·21 |
| Rate per 1,000 of Population. 1921... | 4·10 | 6·96 | 121·24 | 9·42 | ... | 14·45 | 26·69 | 16·67 | 22·93 | 27·55 | 19·74 | 22·43 | 12·63 | 6·68 | 50·84 | 16·26 | |

## 4

## TABLE showing Cases of Infectious Diseases Notified from all Sources during the Year 1922.

| Ward. | Section. | Total Number of Cases Notified in each Section. | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Cholera. | Small-pox. | Plague. | Enteric fever. | Scarlet fever. | Diphtheria. | Relapsing fever. | Puerperal fever. | Tuberculosis. | Leprosy. | Influenzal Pneumonia. | Cerebro Spinal Meningitis. | Total. |
| A | Upper Colaba .. .. .. .. | .. | .. | .. | 2 | .. | .. | 1 | .. | 4 | .. | .. | .. | 7 |
| | Middle and Lower Colaba .. .. | 2 | 5 | 66 | 19 | 2 | 1 | 1 | .. | 20 | .. | 2 | 3 | 121 |
| | Fort, South .. .. .. .. | .. | .. | 3 | 9 | .. | .. | .. | .. | 5 | .. | .. | .. | 17 |
| | Fort, North .. .. .. .. | 1 | 1 | 17 | 19 | .. | 1 | 2 | .. | 56 | .. | 29 | 12 | 138 |
| | Esplanade .. .. .. .. | .. | .. | 9 | 18 | .. | .. | 27 | .. | 76 | .. | 6 | 9 | 145 |
| B | Mandvi .. .. .. .. .. | .. | 2 | 29 | 10 | .. | .. | 8 | .. | 37 | .. | 9 | 4 | 99 |
| | Chukla .. .. .. .. .. | .. | 1 | 12 | 1 | .. | .. | 1 | .. | 39 | 1 | 2 | 1 | 58 |
| | Umarkhadi .. .. .. .. | 1 | 1 | 26 | 8 | .. | .. | 12 | 1 | 39 | .. | 4 | 11 | 103 |
| | Dongri .. .. .. .. .. | .. | .. | 10 | 4 | .. | .. | 16 | 1 | 12 | .. | 2 | 3 | 48 |
| C | Market .. .. .. .. .. | .. | 1 | 8 | 3 | .. | .. | 2 | 5 | 63 | .. | 1 | 5 | 88 |
| | Dhobi Talao .. .. .. .. | 1 | 6 | 17 | 19 | .. | .. | .. | 3 | 64 | 5 | 7 | 6 | 128 |
| | Fanaswadi .. .. .. .. | .. | 14 | 21 | 5 | .. | .. | .. | 1 | 47 | .. | 2 | 1 | 91 |
| | Bhuleshwar .. .. .. .. | 1 | 1 | 14 | 1 | .. | .. | 3 | .. | 54 | .. | .. | 8 | 82 |
| | Khara Talao .. .. .. .. | .. | 1 | 9 | .. | .. | .. | 7 | .. | 45 | 2 | 1 | 4 | 69 |
| | Kumbharwada .. .. .. .. | 2 | 1 | 6 | .. | .. | .. | 4 | .. | 66 | 1 | .. | 5 | 85 |
| D | Khetwadi .. .. .. .. | .. | 7 | 10 | 5 | .. | .. | .. | 9 | 87 | 8 | 3 | 6 | 135 |
| | Girgaum .. .. .. .. | 1 | 3 | 2 | 4 | .. | .. | 1 | 13 | 64 | .. | 1 | 2 | 91 |
| | Chowpati .. .. .. .. | .. | 3 | 2 | 7 | .. | .. | 1 | 4 | 19 | .. | 3 | 3 | 42 |
| | Walkeshwar .. .. .. .. | .. | 2 | 5 | 5 | .. | .. | 2 | 3 | 23 | 5 | 3 | 3 | 51 |
| | Mahalakshmi .. .. .. .. | .. | 3 | 12 | 7 | .. | 2 | 1 | 6 | 64 | .. | 4 | 1 | 100 |
| E | Mazagon .. .. .. .. | 1 | 2 | 44 | 6 | .. | .. | 5 | .. | 24 | .. | 15 | .. | 97 |
| | Tarwadi .. .. .. .. | .. | 4 | 47 | 13 | .. | 2 | 21 | .. | 76 | .. | 14 | 11 | 188 |
| | 2nd Nagpada .. .. .. .. | 1 | 1 | 8 | .. | .. | .. | 6 | .. | 13 | .. | 3 | 2 | 34 |
| | Kamathipura .. .. .. .. | .. | 1 | 6 | 2 | .. | .. | 1 | .. | 45 | .. | 1 | 5 | 61 |
| | Tardeo .. .. .. .. .. | 1 | 4 | 6 | 4 | .. | .. | 2 | .. | 45 | .. | 5 | 9 | 76 |
| | Byculla .. .. .. .. .. | 1 | 12 | 44 | 24 | .. | 1 | 11 | .. | 117 | .. | 11 | 9 | 230 |
| | 1st Nagpada .. .. .. .. | 2 | 1 | 5 | 4 | .. | 1 | 5 | .. | 10 | .. | 3 | 1 | 32 |
| F | Parel .. .. .. .. .. | 4 | 5 | 64 | 8 | .. | 1 | 2 | .. | 46 | .. | 11 | 2 | 143 |
| | Sewri .. .. .. .. .. | .. | .. | 16 | 2 | .. | .. | 3 | .. | 11 | .. | 1 | 3 | 36 |
| | Sion .. .. .. .. .. | 2 | 3 | 67 | 4 | .. | .. | 5 | 1 | 52 | 2 | 6 | .. | 142 |
| G | Mahim .. .. .. .. .. | .. | 10 | 38 | 6 | .. | .. | 2 | 2 | 36 | .. | 8 | 3 | 105 |
| | Worli .. .. .. .. .. | .. | 25 | 134 | 4 | .. | .. | 6 | 2 | 57 | .. | 8 | 4 | 240 |
| | Harbour, Docks, Railways and Unknown | 1 | 10 | 2 | 7 | .. | .. | 5 | .. | 12 | 8 | .. | 3 | 48 |
| | Total ... | 22 | 130 | 759 | 230 | 2 | 9 | 163 | 51 | 1,428 | 32 | 165 | 139 | 3,130 |

*Note.*—No cases of Yellow Fever or Typhus Fever were notified during the year.

## 5

## TABLE of DEATHS from All Causes by Sections and Months and the Death-rate in 1922.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | | | 5 | 6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | Months. | | | | | | | | | | | | Total Deaths. | | | Number of deaths among males to 100 deaths among females. | Ratio of deaths per 1,000 of population. | |
| | | | | | | | | | | | | | | | | | | 1922. | Mean during the previous 5 years. |
| | | January. | February. | March. | April. | May. | June. | July. | August. | Sept. | October. | November | December | Males. | Females. | Persons. | | Persons. | Persons. |
| A | Upper Colaba ... ... ... | 10 | 8 | 7 | 14 | 9 | 5 | 7 | 8 | 10 | 8 | 8 | 15 | 64 | 45 | 109 | 142·22 | 29·14 | 70·67 |
| | Middle and Lower Colaba ... ... | 89 | 79 | 61 | 39 | 36 | 28 | 32 | 32 | 42 | 59 | 56 | 47 | 364 | 236 | 600 | 154·23 | 29·91 | 40·44 |
| | Fort South ... ... ... | 4 | 5 | 5 | 13 | 5 | 5 | 6 | 6 | 11 | 6 | 9 | 8 | 66 | 17 | 83 | 388·25 | 19·61 | 54·44 |
| | Fort North ... ... ... | 111 | 114 | 81 | 97 | 70 | 54 | 63 | 65 | 74 | 91 | 107 | 98 | 630 | 395 | 1,025 | 159·49 | 32·48 | 53·65 |
| | Esplanade ... ... ... | 52 | 57 | 55 | 38 | 39 | 29 | 38 | 40 | 29 | 58 | 35 | 41 | 390 | 121 | 511 | 322·31 | 32·87 | 57·03 |
| B | Mandvi ... ... ... | 123 | 96 | 80 | 88 | 84 | 52 | 55 | 62 | 60 | 94 | 71 | 95 | 594 | 366 | 960 | 162·29 | 24·47 | 42·78 |
| | Chukla ... ... ... | 61 | 52 | 56 | 70 | 51 | 62 | 57 | 71 | 39 | 84 | 61 | 50 | 386 | 328 | 714 | 117·68 | 31·10 | 42·02 |
| | Umarkhadi ... ... ... | 169 | 152 | 171 | 169 | 143 | 147 | 172 | 165 | 155 | 162 | 138 | 147 | 1,075 | 815 | 1,890 | 131·90 | 39·93 | 57·31 |
| | Dongri ... ... ... | 81 | 78 | 73 | 61 | 64 | 52 | 54 | 59 | 50 | 75 | 77 | 53 | 462 | 315 | 777 | 146·66 | 37·51 | 46·57 |
| C | Market ... ... ... | 67 | 66 | 62 | 61 | 55 | 39 | 50 | 58 | 44 | 56 | 74 | 57 | 422 | 267 | 689 | 158·05 | 19·33 | 33·99 |
| | Dhobi Talao ... ... ... | 95 | 111 | 89 | 100 | 78 | 84 | 72 | 84 | 114 | 99 | 86 | 86 | 649 | 449 | 1,098 | 144·54 | 25·81 | 44·41 |
| | Fanaswadi ... ... ... | 71 | 59 | 61 | 72 | 60 | 69 | 66 | 57 | 58 | 93 | 77 | 64 | 421 | 386 | 807 | 109·06 | 26·55 | 45·09 |
| | Bhuleshwar ... ... ... | 104 | 89 | 97 | 115 | 87 | 97 | 99 | 97 | 75 | 86 | 81 | 94 | 605 | 516 | 1,121 | 117·24 | 32·43 | 42·75 |
| | Khara Talao ... ... ... | 65 | 66 | 76 | 87 | 85 | 72 | 76 | 66 | 69 | 65 | 70 | 71 | 470 | 398 | 868 | 118·09 | 36·16 | 50·93 |
| | Kumbharwada ... ... ... | 77 | 55 | 63 | 76 | 75 | 62 | 83 | 84 | 54 | 62 | 80 | 71 | 438 | 404 | 842 | 108·41 | 25·49 | 48·78 |
| D | Khetwadi ... ... ... | 104 | 89 | 92 | 97 | 92 | 59 | 88 | 87 | 71 | 97 | 81 | 91 | 554 | 494 | 1,048 | 112·14 | 25·87 | 43·58 |
| | Girgaum ... ... ... | 89 | 86 | 73 | 67 | 85 | 82 | 79 | 91 | 65 | 89 | 77 | 87 | 524 | 446 | 970 | 117·48 | 26·50 | 45·53 |
| | Chowpati ... ... ... | 40 | 26 | 27 | 24 | 28 | 14 | 27 | 29 | 23 | 33 | 34 | 27 | 173 | 159 | 332 | 108·80 | 22·74 | 38·12 |
| | Walkeshwar ... ... ... | 23 | 23 | 40 | 22 | 23 | 30 | 22 | 34 | 23 | 25 | 31 | 30 | 182 | 144 | 326 | 126·38 | 17·14 | 35·93 |
| | Mahalakshmi ... ... ... | 110 | 90 | 93 | 82 | 80 | 63 | 103 | 96 | 77 | 81 | 63 | 93 | 584 | 447 | 1,031 | 130·64 | 26·14 | 44·95 |
| E | Mazagon ... ... ... | 166 | 156 | 157 | 158 | 128 | 106 | 123 | 118 | 106 | 122 | 103 | 118 | 885 | 676 | 1,561 | 130·91 | 41·57 | 65·32 |
| | Tarwadi ... ... ... | 106 | 123 | 111 | 109 | 90 | 75 | 112 | 129 | 99 | 123 | 116 | 110 | 801 | 502 | 1,303 | 159·56 | 30·88 | 72·66 |
| | 2nd Nagpada ... ... ... | 67 | 71 | 85 | 97 | 94 | 72 | 65 | 81 | 74 | 80 | 87 | 71 | 509 | 435 | 944 | 117·01 | 40·62 | 64·46 |
| | Kamathipura ... ... ... | 138 | 134 | 121 | 121 | 113 | 121 | 108 | 119 | 112 | 127 | 112 | 126 | 750 | 702 | 1,452 | 106·83 | 32·06 | 62·42 |
| | Tardeo ... ... ... | 114 | 116 | 93 | 84 | 96 | 83 | 76 | 110 | 92 | 105 | 80 | 102 | 654 | 497 | 1,151 | 131·58 | 35·46 | 54·46 |
| | Byculla ... ... ... | 325 | 296 | 294 | 294 | 263 | 256 | 301 | 296 | 292 | 304 | 270 | 292 | 1,901 | 1,582 | 3,483 | 120·16 | 37·37 | 63·85 |
| | 1st Nagpada ... ... ... | 13 | 26 | 10 | 12 | 14 | 18 | 16 | 16 | 14 | 14 | 13 | 8 | 104 | 70 | 174 | 148·57 | 22·34 | 41·74 |
| F | Parel ... ... ... | 185 | 154 | 192 | 186 | 133 | 115 | 128 | 129 | 147 | 190 | 147 | 157 | 1,041 | 822 | 1,863 | 126·64 | 30·08 | 55·16 |
| | Sewri ... ... ... | 132 | 127 | 104 | 124 | 88 | 61 | 82 | 64 | 70 | 73 | 76 | 86 | 592 | 495 | 1,087 | 119·59 | 36·48 | 64·76 |
| | Sion ... ... ... | 249 | 211 | 189 | 160 | 140 | 112 | 145 | 164 | 181 | 166 | 152 | 199 | 1,132 | 936 | 2,068 | 220·94 | 34·71 | 67·50 |
| G | Mahim ... ... ... | 130 | 144 | 130 | 150 | 132 | 107 | 127 | 120 | 138 | 129 | 123 | 145 | 855 | 720 | 1,575 | 118·75 | 31·34 | 52·38 |
| | Worli ... ... ... | 369 | 376 | 480 | 474 | 318 | 265 | 299 | 302 | 330 | 346 | 363 | 386 | 2,432 | 1,876 | 4,308 | 129·63 | 34·92 | 56·44 |
| | Harbour, Docks, Railways and Unknown. | 37 | 16 | 17 | 28 | 32 | 24 | 27 | 44 | 50 | 105 | 70 | 77 | 443 | 84 | 527 | 527·38 | 13·84 | 5·29 |
| | Total ... | 3,576 | 3,351 | 3,345 | 3,389 | 2,890 | 2,520 | 2,858 | 2,983 | 2,848 | 3,307 | 3,028 | 3,202 | 21,152 | 16,145 | 37,297 | 131·01 | 31·06 | 51·01 |

# 6

## TABLE of DEATHS from All Causes by Sections and Age-periods in 1922.

| 1 | 2 | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | 12 | | 13 | | 14 | | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | Under 1 year. | | 1 to 5 Years. | | 5 to 10 years. | | 10 to 15 years. | | 15 to 20 years. | | 20 to 30 years. | | 30 to 40 years. | | 40 to 50 years. | | 50 to 60 years. | | 60 years and upwards. | | Age. Unspecified. | | Total. | | Total. |
| | | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | |
| A | Upper Colaba ... | 18 | 11 | 12 | 8 | 1 | 4 | 1 | 1 | 2 | 2 | 12 | 2 | 11 | 5 | 4 | ... | ... | 1 | 3 | 11 | ... | ... | 64 | 45 | 109 |
| | Middle and Lower Colaba ... | 53 | 59 | 21 | 30 | 10 | 5 | 9 | 13 | 13 | 13 | 80 | 29 | 85 | 28 | 36 | 15 | 33 | 10 | 24 | 34 | ... | ... | 364 | 236 | 600 |
| | Fort, South ... | 6 | 6 | 4 | 2 | 1 | ... | 1 | 1 | 1 | 1 | 14 | 1 | 12 | 3 | 12 | ... | 7 | 1 | 8 | 2 | ... | ... | 66 | 17 | 83 |
| | Fort, North ... | 95 | 74 | 44 | 61 | 13 | 13 | 12 | 10 | 29 | 14 | 111 | 40 | 102 | 48 | 73 | 24 | 69 | 25 | 82 | 86 | ... | ... | 630 | 395 | 1,025 |
| | Esplanade ... | 36 | 28 | 18 | 17 | 7 | 3 | 7 | 2 | 20 | 4 | 95 | 19 | 101 | 15 | 49 | 13 | 26 | 9 | 30 | 10 | 1 | 1 | 390 | 121 | 511 |
| B | Mandvi ... | 108 | 84 | 47 | 51 | 14 | 14 | 14 | 16 | 27 | 22 | 92 | 54 | 105 | 37 | 74 | 23 | 62 | 23 | 51 | 42 | ... | ... | 594 | 366 | 960 |
| | Chukla ... | 88 | 88 | 35 | 44 | 5 | 10 | 10 | 13 | 14 | 19 | 55 | 42 | 54 | 28 | 42 | 21 | 33 | 22 | 50 | 41 | ... | ... | 386 | 328 | 714 |
| | Umarkhadi ... | 215 | 178 | 94 | 104 | 28 | 33 | 37 | 45 | 52 | 48 | 139 | 118 | 178 | 68 | 109 | 52 | 88 | 47 | 135 | 127 | ... | ... | 1,075 | 815 | 1,890 |
| | Dongri ... | 86 | 80 | 48 | 54 | 13 | 15 | 14 | 10 | 18 | 15 | 62 | 42 | 79 | 27 | 73 | 21 | 20 | 17 | 49 | 34 | ... | ... | 462 | 315 | 777 |
| C | Market ... | 80 | 59 | 28 | 32 | 19 | 17 | 9 | 8 | 24 | 23 | 62 | 40 | 70 | 24 | 47 | 19 | 39 | 13 | 44 | 32 | ... | ... | 422 | 267 | 689 |
| | Dhobi Talao ... | 136 | 104 | 44 | 45 | 18 | 23 | 15 | 20 | 20 | 29 | 97 | 53 | 88 | 37 | 65 | 37 | 65 | 20 | 101 | 81 | ... | ... | 649 | 449 | 1,098 |
| | Fanaswadi ... | 90 | 89 | 48 | 62 | 13 | 8 | 11 | 17 | 26 | 22 | 47 | 53 | 55 | 36 | 49 | 27 | 34 | 22 | 48 | 50 | ... | ... | 421 | 386 | 807 |
| | Bhuleshwar ... | 128 | 109 | 53 | 73 | 15 | 19 | 10 | 33 | 23 | 32 | 87 | 70 | 96 | 51 | 69 | 36 | 44 | 26 | 80 | 67 | ... | ... | 605 | 516 | 1,121 |
| | Khara Talao ... | 100 | 99 | 52 | 50 | 11 | 12 | 11 | 18 | 18 | 28 | 46 | 57 | 86 | 48 | 45 | 24 | 37 | 19 | 64 | 43 | ... | ... | 470 | 398 | 868 |
| | Kumbharwada ... | 117 | 99 | 41 | 59 | 9 | 17 | 13 | 12 | 24 | 16 | 55 | 58 | 65 | 38 | 47 | 27 | 25 | 17 | 42 | 61 | ... | ... | 438 | 404 | 842 |
| D | Khetwadi ... | 118 | 92 | 53 | 57 | 12 | 23 | 16 | 18 | 16 | 26 | 72 | 66 | 72 | 52 | 69 | 46 | 47 | 30 | 79 | 84 | ... | ... | 554 | 494 | 1,048 |
| | Girgaum ... | 119 | 106 | 78 | 71 | 8 | 15 | 8 | 12 | 18 | 33 | 81 | 57 | 58 | 38 | 54 | 21 | 40 | 27 | 60 | 66 | ... | ... | 524 | 446 | 970 |
| | Chowpati ... | 41 | 38 | 19 | 25 | 6 | 5 | 1 | 4 | 6 | 8 | 19 | 24 | 15 | 16 | 21 | 9 | 25 | 4 | 20 | 26 | ... | ... | 173 | 159 | 332 |
| | Walkeshwar ... | 36 | 55 | 20 | 14 | 8 | 3 | 3 | 3 | 4 | 7 | 16 | 20 | 26 | 13 | 26 | 9 | 14 | 6 | 29 | 34 | ... | ... | 182 | 144 | 326 |
| | Mahalakshmi ... | 177 | 108 | 79 | 75 | 22 | 20 | 14 | 15 | 23 | 12 | 73 | 54 | 64 | 49 | 56 | 28 | 45 | 23 | 71 | 63 | ... | ... | 584 | 447 | 1,031 |
| E | Mazagon ... | 192 | 180 | 108 | 131 | 33 | 32 | 25 | 24 | 33 | 21 | 113 | 63 | 145 | 79 | 67 | 28 | 61 | 23 | 108 | 95 | ... | ... | 885 | 676 | 1,561 |
| | Tarwadi ... | 136 | 119 | 91 | 79 | 29 | 21 | 17 | 22 | 31 | 14 | 136 | 67 | 142 | 54 | 76 | 32 | 56 | 27 | 88 | 67 | ... | ... | 801 | 502 | 1,303 |
| | 2nd Nagpada ... | 110 | 115 | 58 | 62 | 10 | 12 | 12 | 16 | 16 | 18 | 77 | 69 | 81 | 44 | 55 | 20 | 26 | 14 | 65 | 65 | ... | ... | 509 | 435 | 944 |
| | Kamathipura ... | 157 | 165 | 105 | 105 | 20 | 29 | 19 | 32 | 17 | 24 | 84 | 81 | 115 | 76 | 66 | 46 | 57 | 38 | 110 | 106 | ... | ... | 750 | 702 | 1,452 |
| | Tardeo ... | 142 | 115 | 83 | 75 | 23 | 22 | 19 | 15 | 17 | 13 | 82 | 57 | 94 | 55 | 66 | 35 | 51 | 21 | 77 | 89 | ... | ... | 654 | 497 | 1,151 |
| | Byculla ... | 506 | 440 | 231 | 271 | 48 | 76 | 52 | 62 | 51 | 49 | 247 | 192 | 269 | 178 | 167 | 84 | 129 | 73 | 201 | 157 | ... | ... | 1,901 | 1,582 | 3,483 |
| | 1st Nagpada ... | 20 | 18 | 6 | 7 | 6 | 4 | 2 | ... | 3 | 2 | 24 | 7 | 15 | 8 | 8 | 5 | 11 | 3 | 9 | 16 | ... | ... | 104 | 70 | 174 |
| F | Parel ... | 222 | 196 | 114 | 129 | 30 | 44 | 41 | 33 | 35 | 31 | 163 | 98 | 160 | 96 | 83 | 40 | 67 | 34 | 126 | 121 | ... | ... | 1,041 | 822 | 1,863 |
| | Sewri ... | 130 | 137 | 79 | 85 | 26 | 39 | 27 | 22 | 20 | 16 | 93 | 47 | 78 | 47 | 47 | 26 | 35 | 12 | 57 | 64 | ... | ... | 592 | 495 | 1,087 |
| | Sion ... | 236 | 220 | 176 | 188 | 63 | 69 | 29 | 25 | 31 | 27 | 138 | 90 | 132 | 96 | 104 | 57 | 87 | 42 | 136 | 122 | ... | ... | 1,132 | 936 | 2,068 |
| G | Mahim ... | 221 | 174 | 107 | 121 | 36 | 41 | 34 | 31 | 39 | 32 | 106 | 84 | 83 | 78 | 82 | 45 | 57 | 25 | 90 | 89 | ... | ... | 855 | 720 | 1,575 |
| | Worli ... | 479 | 433 | 307 | 379 | 103 | 122 | 92 | 64 | 127 | 72 | 398 | 186 | 364 | 197 | 192 | 101 | 141 | 81 | 229 | 241 | ... | ... | 2,432 | 1,876 | 4,308 |
| | Harbour, Docks, Railways and Unknown ... ... | 9 | 11 | 3 | 2 | 1 | 2 | 12 | 2 | 32 | 5 | 102 | 12 | 136 | 26 | 61 | 9 | 47 | 7 | 38 | 8 | 2 | ... | 443 | 84 | 527 |
| | Total ... | 4,367 | 3,859 | 2,306 | 2,568 | 661 | 772 | 597 | 619 | 850 | 698 | 3,078 | 1,952 | 3,236 | 1,690 | 2,094 | 980 | 1,576 | 762 | 2,404 | 2,234 | 3 | 1 | 21,152 | 16,145 | 37,297 |
| | Total ... | 8,236 | | 4,874 | | 1,433 | | 1,216 | | 1,528 | | 5,030 | | 4,926 | | 3,074 | | 2,338 | | 4,638 | | 4 | | 37,297 | | ... |
| | Percentage to Total Mortality ... | 22·08 | | 13·06 | | 3·84 | | 3·26 | | 4·09 | | 13·48 | | 13·20 | | 8·24 | | 6·26 | | 12·43 | | 0·01 | | 100·00 | | 100·00 |

# 7

## TABLE of DEATHS by Race and Age, in 1922.

| RACE OR CASTE. | Under one week. | One week to 1 month. | 1 to 6 months. | 6 to 12 months. | 1 to 2 years. | 2 to 3 years. | 3 to 4 years. | 4 to 5 years. | 5 to 10 years. | 10 to 15 years. | 15 to 20 years. | 20 to 25 years. | 25 to 30 years. | 30 to 35 years. | 35 to 40 years. | 40 to 45 years. | 45 to 50 years. | 50 to 55 years. | 55 to 60 years. | 60 years and upwards. | Age unspecified. | All ages. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jains ... ... ... ... | 37 | 17 | 48 | 92 | 62 | 17 | 12 | 5 | 29 | 26 | 43 | 71 | 64 | 44 | 41 | 36 | 29 | 27 | 23 | 57 | ... | 780 |
| Brahmins ... ... ... | 64 | 35 | 100 | 127 | 106 | 25 | 29 | 11 | 36 | 30 | 84 | 143 | 105 | 99 | 75 | 72 | 47 | 55 | 33 | 171 | ... | 1,447 |
| Lingaits ... ... ... ... | 20 | 16 | 17 | 14 | 30 | 11 | 8 | 8 | 23 | 16 | 11 | 18 | 21 | 21 | 15 | 8 | 9 | 15 | 2 | 39 | ... | 322 |
| Bhatias ... ... ... ... | 9 | 5 | 14 | 12 | 6 | 4 | 2 | 2 | 6 | 7 | 13 | 20 | 14 | 13 | 10 | 9 | 5 | 9 | 7 | 50 | ... | 217 |
| Banias ... ... ... ... | 21 | 18 | 45 | 62 | 51 | 14 | 10 | 8 | 26 | 11 | 35 | 44 | 39 | 32 | 23 | 28 | 20 | 32 | 28 | 76 | ... | 623 |
| Hindus of Other Caste ... | 920 | 589 | 793 | 1,185 | 1,234 | 428 | 239 | 202 | 679 | 596 | 744 | 1,064 | 1,368 | 1,311 | 1,078 | 895 | 541 | 664 | 340 | 1,930 | ... | 16,800 |
| Hindus Low Castes ... ... | 300 | 270 | 475 | 577 | 751 | 288 | 161 | 111 | 312 | 176 | 154 | 201 | 325 | 334 | 232 | 246 | 100 | 177 | 62 | 595 | ... | 5,847 |
| Mussalmans ... ... ... | 348 | 224 | 483 | 469 | 415 | 171 | 96 | 56 | 230 | 285 | 339 | 529 | 625 | 696 | 499 | 458 | 241 | 391 | 151 | 1,127 | 1 | 7,834 |
| Parsees ... ... ... ... | 46 | 25 | 37 | 72 | 93 | 20 | 11 | 4 | 28 | 19 | 23 | 35 | 55 | 50 | 63 | 59 | 69 | 74 | 75 | 363 | ... | 1,221 |
| Jews ... ... ... ... | 19 | 7 | 24 | 18 | 21 | 4 | 1 | 2 | 9 | 5 | 9 | 12 | 7 | 9 | 7 | 2 | 9 | 6 | 5 | 45 | ... | 221 |
| Indian Christians ... ... | 80 | 186 | 177 | 95 | 50 | 35 | 16 | 12 | 44 | 42 | 61 | 95 | 100 | 96 | 90 | 56 | 80 | 74 | 41 | 142 | ... | 1,522 |
| Anglo-Indians ... ... ... | 8 | 5 | 12 | 17 | 13 | 1 | 3 | 3 | 3 | 1 | 5 | 15 | 9 | 16 | 9 | 11 | 6 | 12 | 7 | 15 | ... | 171 |
| Europeans ... ... ... | 3 | 2 | 11 | 12 | 8 | ... | 1 | 2 | 8 | 1 | 5 | 17 | 15 | 18 | 18 | 15 | 12 | 17 | 8 | 27 | 1 | 201 |
| Negro-Africans ... ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | 1 | 1 | ... | 3 | 1 | 2 | 2 | 1 | 1 | ... | ... | ... | 14 |
| Buddhists ... ... ... | 3 | 1 | 3 | ... | ... | ... | ... | ... | ... | ... | 1 | 4 | 11 | 10 | 12 | 7 | 1 | ... | 1 | 1 | 1 | 56 |
| Other and Unknown ... ... | 16 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 2 | ... | ... | ... | 1 | ... | 1 | 21 |
| Total ... | 1,894 | 1,350 | 2,240 | 2,752 | 2,841 | 1,018 | 589 | 426 | 1,433 | 1,216 | 1,528 | 2,268 | 2,762 | 2,750 | 2,176 | 1,904 | 1,170 | 1,554 | 784 | 4,638 | 4 | 37,297 |

## 8

## DEATHS from Certain Causes by Months in 1922.

| Cause of Death. | January. | February. | March. | April | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cholera ... ... ... ... ... | ... | 1 | ... | 1 | 1 | 3 | 3 | 2 | 1 | 2 | ... | 1 | 15 |
| *Small-pox* ... ... ... ... ... | 4 | 3 | 10 | 10 | 10 | 3 | 3 | ... | 1 | 6 | 3 | 8 | 61 |
| *Measles* ... ... ... ... ... | 1 | 2 | 1 | 2 | 1 | 5 | 1 | 1 | 1 | 1 | 3 | 3 | 22 |
| *Plague*... ... ... ... ... ... | 35 | 73 | 125 | 163 | 75 | 23 | 24 | 37 | 19 | 25 | 22 | 11 | 632 |
| *Malaria* ... ... ... ... ... | 38 | 44 | 25 | 25 | 32 | 20 | 33 | 25 | 33 | 92 | 65 | 53 | 485 |
| *Ague and Remittent Fever* ... ... ... | 279 | 251 | 300 | 240 | 187 | 189 | 171 | 214 | 207 | 233 | 217 | 215 | 2,703 |
| *Enteric Fever* ... ... ... ... ... | 6 | 2 | 9 | 15 | 9 | 6 | 11 | 18 | 6 | 16 | 20 | 5 | 123 |
| *Fever not defined* ... ... ... ... | 12 | 22 | 39 | 57 | 24 | 14 | 10 | 18 | 18 | 26 | 27 | 12 | 279 |
| *Diarrhœa, Enteritis and Dysentery* ... ... | 384 | 352 | 309 | 258 | 233 | 270 | 323 | 363 | 349 | 292 | 245 | 351 | 3,729 |
| *Tuberculous Diseases* ... ... ... ... | 144 | 104 | 123 | 119 | 108 | 110 | 134 | 139 | 121 | 133 | 118 | 120 | 1,473 |
| *Influenza* ... ... ... ... ... | 36 | 75 | 114 | 81 | 59 | 25 | 20 | 22 | 25 | 22 | 34 | 15 | 528 |
| *Respiratory Diseases* ... ... ... ... | 1,350 | 1,320 | 1,272 | 1,350 | 1,183 | 913 | 1,064 | 975 | 877 | 1,091 | 1,053 | 1,166 | 13,614 |
| *Injuries* ... ... ... ... ... | 94 | 78 | 72 | 59 | 58 | 45 | 63 | 62 | 51 | 55 | 60 | 73 | 770 |
| All other causes ... ... ... ... | 1,193 | 1,024 | 946 | 1,009 | 910 | 894 | 998 | 1,107 | 1,139 | 1,313 | 1,161 | 1,169 | 12,863 |
| Total ... | 3,576 | 3,351 | 3,345 | 3,389 | 2,890 | 2,520 | 2,858 | 2,983 | 2,848 | 3,307 | 3,028 | 3,202 | 37,297 |

## 9

## TABLE of DEATHS from CHOLERA by Sections and Months in 1922.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. | Death Ratio per 1,000 of Population. | Mean Ratio per 1,000 of Population during the previous 5 years. |
| A | Upper Colaba | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1·00 |
| | Middle and Lower Colaba | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | 0·04 | 3·08 |
| | Fort, South | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1·11 |
| | Fort, North | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 0·03 | 2·37 |
| | Esplanade | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2·30 |
| B | Mandvi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0·70 |
| | Chukla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0·54 |
| | Umarkhadi | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | 0·02 | 1·06 |
| | Dongri | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1·38 |
| C | Market | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 0·02 | 0·83 |
| | Dhobi Talao | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1·92 |
| | Fanaswadi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2·11 |
| | Bhuleshwar | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 0·60 |
| | Khara Talao | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0·47 |
| | Kumbharwada | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 2 | 0·06 | 1·01 |
| D | Khetwadi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1·64 |
| | Girgaum | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 2·04 |
| | Chowpati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1·17 |
| | Walkeshwar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2·38 |
| | Mahalakshmi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2·51 |
| E | Mazagon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3·02 |
| | Tarwadi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3·20 |
| | 2nd Nagpada | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 0·04 | 1·09 |
| | Kamathipura | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1·27 |
| | Tardeo | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 0·03 | 1·29 |
| | Byculla | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·01 | 2·64 |
| | 1st Nagpada | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 0·12 | 0·75 |
| F | Parel | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | 2 | 0·03 | 4·91 |
| | Sewri | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4·19 |
| | Sion | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·01 | 2·95 |
| G | Mahim | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0·64 |
| | Worli | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3·41 |
| | Harbour, Docks, Railways and Unknown | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0·52 |
| | Total ... | ... | 1 | ... | 1 | 1 | 3 | 3 | 2 | 1 | 2 | ... | 1 | 15 | 0·01 | 2·03 |

## 10

### TABLE of DEATHS from SMALL-POX by Sections and Months in 1922.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. | Death Ratio per 1,000 of Population. | Mean Ratio per 1,000 of Population during the previous 5 years. |
| A | Upper Colaba | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 1·00 |
| | Middle and Lower Colaba | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 2 | 0·09 | 0·55 |
| | Fort, South | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·55 |
| | Fort, North | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·94 |
| | Esplanade | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·63 |
| B | Mandvi | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 0·55 |
| | Chukla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·25 |
| | Umarkhadi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·36 |
| | Dongri | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·26 |
| C | Market | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 0·51 |
| | Dhobi Talao | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 2 | 0·04 | 0·86 |
| | Fanaswadi | ... | ... | 1 | ... | 2 | ... | ... | ... | 1 | 4 | 2 | 1 | 11 | 0·36 | 0·82 |
| | Bhuleshwar | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 0·11 |
| | Khara Talao | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·04 | 0·38 |
| | Kumbharwada | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·38 |
| D | Khetwadi | ... | ... | 2 | 1 | ... | ... | ... | ... | ... | ... | ... | 2 | 5 | 0·12 | 0·74 |
| | Girgaum | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 1·16 |
| | Chowpati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·66 |
| | Walkeshwar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 0·05 | 0·41 |
| | Mahalakshmi | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 2 | 0·05 | 0·55 |
| E | Mazagon | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·63 |
| | Tarwadi | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 0·55 |
| | 2nd Nagpada | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·90 |
| | Kamathipura | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 0·86 |
| | Tardeo | ... | ... | 1 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 3 | 0·09 | 0·55 |
| | Byculla | ... | ... | ... | 1 | 1 | ... | 1 | ... | ... | ... | ... | ... | 3 | 0·03 | 0·77 |
| | 1st Nagpada | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·60 |
| F | Parel | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 2 | 0·03 | 0·33 |
| | Sewri | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·28 |
| | Sion | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·01 | 0·39 |
| G | Mahim | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | 3 | 6 | 0·11 | 0·47 |
| | Worli | 2 | ... | 2 | 5 | 2 | 1 | 1 | ... | ... | 1 | ... | 1 | 15 | 0·12 | 0·42 |
| | Harbour, Docks, Railways and Unknown | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 0·06 |
| | Total ... | 4 | 3 | 10 | 10 | 10 | 3 | 3 | ... | 1 | 6 | 3 | 8 | 61 | 0·05 | 0·54 |

## 11

### TABLE of DEATHS from MEASLES by Sections and Months in 1922.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. | Death Ratio per 1,000 of Population. | Mean Ratio per 1,000 of Population during the previous 5 years. |
| A | Upper Colaba | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | ...... |
| | Middle and Lower Colaba | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 2 | 0·09 | 0·56 |
| | Fort, South | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·28 |
| | Fort, North | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·34 |
| | Esplanade | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·12 |
| B | Mandvi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·23 |
| | Chukla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·38 |
| | Umarkhadi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·20 |
| | Dongri | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·12 |
| C | Market | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 0·32 |
| | Dhobi Talao | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | 0·04 | 0·58 |
| | Fanaswadi | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 2 | 0·06 | 0·89 |
| | Bhuleshwar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·33 |
| | Khara Talao | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·35 |
| | Kumbharwada | ... | 1 | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | 3 | 0·09 | 0·70 |
| D | Khetwadi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·30 |
| | Girgaum | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | 3 | 0·08 | 0·41 |
| | Chowpati | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·25 |
| | Walkeshwar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·08 |
| | Mahalakshmi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·49 |
| E | Mazagon | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 0·06 |
| | Tarwadi | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·06 |
| | 2nd Nagpada | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 0·04 | 0·55 |
| | Kamathipura | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 0·29 |
| | Tardeo | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·80 |
| | Byculla | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·01 | 0·19 |
| | 1st Nagpada | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·15 |
| F | Parel | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·08 |
| | Sewri | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·05 |
| | Sion | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | 0·01 | 0·17 |
| G | Mahim | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·26 |
| | Worli | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 1 | 2 | 5 | 0·04 | 0·42 |
| | Harbour, Docks, Railways and Unknown | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | ...... |
| | Total ... | 1 | 2 | 1 | 2 | 1 | 5 | 1 | 1 | 1 | 1 | 3 | 3 | 22 | 0·01 | 0·31 |

## 12

### TABLE of DEATHS from PLAGUE by Sections and Months in 1922.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. | Death Ratio per 1,000 of Population. | Mean Ratio per 1,000 of Population during the previous 5 years. |
| A | Upper Colaba | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 1·00 |
| | Middle and Lower Colaba | 10 | 12 | 7 | 3 | 1 | ... | ... | ... | 1 | 1 | 15 | 4 | 54 | 2·69 | 3·28 |
| | Fort, South | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 2 | 0·47 | 1·66 |
| | Fort, North | ... | 2 | 1 | 7 | ... | 2 | 2 | ... | ... | 2 | ... | ... | 16 | 0·50 | 1·69 |
| | Esplanade | ... | ... | ... | 2 | 1 | ... | ... | ... | 1 | ... | ... | ... | 4 | 0·25 | 0·86 |
| B | Mandvi | ... | 3 | 3 | 7 | 4 | ... | 1 | ... | 1 | 2 | ... | 1 | 22 | 0·56 | 1·42 |
| | Chukla | ... | ... | ... | 2 | 4 | 1 | 2 | 2 | ... | ... | ... | ... | 11 | 0·47 | 1·00 |
| | Umarkhadi | ... | 1 | 1 | 4 | 4 | ... | 2 | 3 | 1 | ... | ... | ... | 16 | 0·33 | 1·06 |
| | Dongri | ... | 2 | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | 5 | 0·24 | 0·65 |
| C | Market | ... | ... | ... | ... | 2 | 2 | ... | 1 | ... | 1 | ... | ... | 6 | 0·16 | 1·18 |
| | Dhobi Talao | ... | ... | ... | 2 | 4 | 1 | 2 | 1 | 2 | 1 | 1 | ... | 14 | 0·32 | 0·88 |
| | Fanaswadi | 1 | 1 | ... | 1 | 3 | 2 | 2 | ... | ... | 3 | 2 | 2 | 17 | 0·55 | 0·71 |
| | Bhuleshwar | ... | ... | 1 | 3 | 2 | 1 | 2 | 2 | 1 | ... | ... | ... | 12 | 0·34 | 0·99 |
| | Khara Talao | ... | ... | ... | 4 | ... | ... | ... | 1 | ... | ... | ... | ... | 5 | 0·20 | 0·99 |
| | Kumbharwada | 1 | ... | ... | 2 | ... | 1 | ... | 1 | ... | ... | ... | ... | 5 | 0·15 | 0·66 |
| D | Khetwadi | ... | ... | ... | 4 | 3 | ... | ... | 2 | ... | ... | ... | ... | 9 | 0·22 | 0·62 |
| | Girgaum | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 0·02 | 0·75 |
| | Chowpati | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | 2 | 0·13 | 0·75 |
| | Walkeshwar | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | ... | 1 | ... | 4 | 0·21 | 1·73 |
| | Mahalakshmi | ... | ... | 1 | 3 | 2 | ... | 1 | 1 | 3 | ... | ... | ... | 11 | 0·27 | 1·01 |
| E | Mazagon | ... | 1 | 11 | 13 | 4 | 1 | 2 | 2 | ... | 2 | ... | ... | 36 | 0·95 | 1·14 |
| | Tarwadi | ... | 2 | 3 | 13 | 6 | 1 | 1 | 4 | 1 | 3 | 1 | ... | 35 | 0·82 | 1·00 |
| | 2nd Nagpada | ... | ... | 1 | 1 | 3 | 1 | ... | ... | ... | ... | ... | ... | 6 | 0·25 | 0·40 |
| | Kamathipura | ... | ... | ... | 2 | 1 | ... | ... | ... | ... | ... | ... | ... | 3 | 0·06 | 0·70 |
| | Tardeo | ... | ... | 2 | 1 | ... | ... | 1 | 2 | ... | ... | ... | ... | 6 | 0·18 | 0·87 |
| | Byculla | ... | ... | 2 | 11 | 5 | 4 | 1 | 1 | 3 | 4 | 1 | 1 | 33 | 0·35 | 0·72 |
| | 1st Nagpada | ... | ... | ... | ... | 3 | ... | ... | ... | ... | ... | ... | ... | 3 | 0·38 | 0·30 |
| F | Parel | 2 | 12 | 16 | 18 | 4 | 1 | 2 | ... | 2 | 3 | ... | ... | 60 | 0·96 | 0·70 |
| | Sewri | ... | 6 | 2 | 2 | ... | ... | ... | 4 | ... | ... | ... | ... | 14 | 0·46 | 0·95 |
| | Sion | 14 | 10 | 16 | 14 | 2 | 1 | 1 | 1 | ... | ... | ... | ... | 59 | 0·99 | 0·83 |
| G | Mahim | 1 | 5 | 13 | 7 | 4 | 1 | ... | 3 | 1 | ... | ... | ... | 35 | 0·69 | 1·02 |
| | Worli | 4 | 16 | 44 | 35 | 11 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 120 | 0·97 | 0·78 |
| | Harbour, Docks, Railways and Unknown | 2 | ... | ... | ... | 1 | 1 | ... | ... | ... | 1 | ... | 1 | 6 | 0·15 | 0·06 |
| | Total | 35 | 73 | 125 | 163 | 75 | 23 | 24 | 37 | 19 | 25 | 22 | 11 | 632 | 0·52 | 0·91 |

## 13

### TABLE of DEATHS from MALARIA ( including AGUE and REMITTENT FEVER ) by Sections and Months in 1922.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. | Death Ratio per 1,000 of Population. | Mean Ratio per 1,000 of Population during the previous 5 years. |
| A | Upper Colaba | ... | ... | 1 | 3 | 1 | ... | ... | ... | 1 | 1 | ... | ... | 7 | 1·87 | ...... |
| | Middle and Lower Colaba | 3 | 5 | 3 | 1 | 3 | 3 | 1 | 1 | 1 | 2 | 2 | 2 | 27 | 1·34 | ...... |
| | Fort, South | .. | 2 | ... | 1 | ... | 1 | 1 | ... | 1 | ... | 2 | ... | 8 | 1·89 | ...... |
| | Fort, North | 9 | 12 | 6 | 5 | 5 | 3 | 3 | 4 | 8 | 13 | 10 | 4 | 82 | 2·59 | ...... |
| | Esplanade | 3 | 3 | 2 | 1 | 1 | 1 | 3 | 1 | 1 | 6 | 3 | 5 | 30 | 1·93 | ...... |
| B | Mandvi | 6 | 4 | 4 | 1 | ... | ... | 1 | ... | 1 | 3 | 1 | 3 | 24 | 0·61 | ...... |
| | Chukla | 1 | ... | ... | 1 | ... | ... | 1 | 1 | 2 | 7 | ... | 1 | 14 | 0·60 | ...... |
| | Umarkhadi | 9 | 9 | 14 | 13 | 9 | 14 | 15 | 11 | 12 | 12 | 12 | 13 | 143 | 3·02 | ...... |
| | Dongri | 7 | 6 | 9 | 6 | 8 | 4 | 4 | 9 | 4 | 7 | 12 | 5 | 81 | 3·91 | ...... |
| C | Market | ... | ... | 5 | 6 | 6 | ... | 2 | 3 | 1 | 6 | 6 | 4 | 39 | 1·09 | ...... |
| | Dhobi Talao | 8 | 8 | 7 | 8 | 3 | 4 | 3 | 5 | 14 | 16 | 6 | 4 | 86 | 2·02 | ...... |
| | Fanaswadi | 5 | 2 | 4 | 3 | 8 | 11 | 6 | 5 | 4 | 6 | 8 | 5 | 67 | 2·20 | ...... |
| | Bhuleshwar | 4 | 2 | 6 | 9 | 2 | 5 | 3 | 3 | 2 | 6 | 1 | 8 | 51 | 1·47 | ...... |
| | Khara Talao | 5 | 5 | 3 | 6 | 3 | 3 | 2 | 2 | 1 | 6 | 4 | 1 | 41 | 1·70 | ...... |
| | Kumbharwada | 3 | 1 | ... | 2 | 2 | 2 | 3 | 2 | 4 | 2 | 7 | 2 | 30 | 0·90 | ...... |
| D | Khetwadi | 12 | 8 | 9 | 7 | 3 | 11 | 7 | 5 | 5 | 5 | 5 | 7 | 84 | 2·07 | ...... |
| | Girgaum | 7 | 12 | 25 | 4 | 12 | 9 | 12 | 10 | 5 | 4 | 3 | 5 | 108 | 2·95 | ...... |
| | Chowpati | 7 | 2 | 2 | 1 | 1 | 1 | 2 | ... | ... | 2 | 3 | ... | 21 | 1·43 | ...... |
| | Walkeshwar | 1 | 3 | 2 | 2 | 1 | ... | 1 | 1 | 2 | 1 | 2 | 2 | 18 | 0·94 | ...... |
| | Mahalakshmi | 10 | 5 | 3 | 5 | 2 | 3 | 2 | 3 | 2 | 8 | 5 | 8 | 56 | 1·41 | ...... |
| E | Mazagon | 15 | 17 | 8 | 11 | 11 | 12 | 12 | 14 | 12 | 17 | 14 | 15 | 158 | 4·20 | ...... |
| | Tarwadi | 15 | 14 | 12 | 10 | 7 | 8 | 10 | 15 | 12 | 18 | 11 | 9 | 141 | 3·34 | ...... |
| | 2nd Nagpada | 7 | 1 | 4 | 2 | 4 | 6 | 1 | 7 | 6 | 6 | 5 | 3 | 52 | 2·23 | ...... |
| | Kamathipura | 12 | 13 | 5 | 9 | 12 | 6 | 10 | 10 | 6 | 11 | 10 | 13 | 117 | 2·57 | ...... |
| | Tardeo | 9 | 1 | 2 | 4 | 1 | 3 | 4 | 8 | 2 | 7 | 2 | 2 | 45 | 1·38 | ...... |
| | Byculla | 41 | 34 | 43 | 21 | 26 | 35 | 33 | 40 | 18 | 34 | 28 | 24 | 377 | 4·04 | ...... |
| | 1st Nagpada | 1 | 1 | 2 | ... | 1 | ... | 1 | 1 | 1 | ... | 1 | ... | 9 | 1·15 | ...... |
| F | Parel | 17 | 14 | 19 | 16 | 5 | 6 | 12 | 11 | 20 | 17 | 19 | 24 | 180 | 2·90 | ...... |
| | Sewri | 12 | 16 | 11 | 12 | 9 | 2 | 7 | 10 | 9 | 12 | 12 | 17 | 129 | 4·32 | ...... |
| | Sion | 39 | 38 | 27 | 17 | 15 | 12 | 8 | 22 | 27 | 26 | 28 | 25 | 284 | 4·76 | ...... |
| G | Mahim | 11 | 12 | 11 | 9 | 11 | 6 | 5 | 3 | 13 | 8 | 9 | 7 | 105 | 2·08 | ...... |
| | Worli | 37 | 45 | 76 | 69 | 45 | 37 | 27 | 32 | 42 | 44 | 43 | 41 | 538 | 4·36 | ...... |
| | Harbour, Docks, Railways, and Unknown | 1 | ... | ... | ... | 2 | 1 | 2 | ... | 1 | 12 | 8 | 9 | 36 | 0·94 | ...... |
| | Total | 317 | 295 | 325 | 265 | 219 | 209 | 204 | 239 | 240 | 325 | 282 | 268 | 3,188 | 2·65 | ...... |

## 14

### TABLE of DEATHS from ENTERIC FEVER by Sections and Months in 1922.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. | Death Ratio per 1,000 of Population. | Mean Ratio per 1,000 of Population during the previous 5 years. |
| A | Upper Colaba | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·26 | 1·50 |
| | Middle and Lower Colaba | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | 3 | 0·14 | 0·30 |
| | Fort, South | ... | ... | 1 | ... | ... | ... | ... | 1 | ... | ... | 1 | 1 | 4 | 0·94 | 0·83 |
| | Fort, North | 1 | ... | ... | 2 | ... | 1 | 1 | ... | ... | 1 | 3 | 1 | 10 | 0·31 | 0·45 |
| | Esplanade | ... | ... | 1 | ... | ... | ... | 2 | 1 | ... | 2 | ... | ... | 6 | 0.38 | 0·58 |
| B | Mandvi | ... | ... | 1 | 2 | ... | ... | ... | 2 | ... | 2 | 1 | 2 | 10 | 0·25 | 0·09 |
| | Chukla | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·04 |
| | Umarkhadi | ... | ... | 1 | 1 | ... | ... | 1 | 2 | ... | 1 | 1 | ... | 7 | 0·14 | 0·11 |
| | Dongri | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 3 | ... | 4 | 0·19 | 0·04 |
| C | Market | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·02 | 0·19 |
| | Dhobi Talao | 1 | ... | 1 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | ... | 13 | 0·30 | 0·30 |
| | Fanaswadi | 1 | ... | ... | 1 | 1 | ... | 1 | ... | ... | ... | ... | ... | 4 | 0·13 | 0·21 |
| | Bhuleshwar | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 0·02 | 0·08 |
| | Khara Talao | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·04 |
| | Kumbharwada | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·03 |
| D | Khetwadi | 1 | ... | ... | 1 | 1 | ... | 1 | 1 | ... | ... | 1 | ... | 6 | 0·14 | 0·24 |
| | Girgaum | ... | ... | ... | 1 | ... | ... | 2 | ... | ... | ... | ... | ... | 3 | 0 08 | 0·22 |
| | Chowpati | ... | ... | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | 3 | 0·20 | 0·33 |
| | Walkeshwar | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | 0·08 |
| | Mahalakshmi | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | 1 | ... | ... | 3 | 0·07 | 0·14 |
| E | Mazagon | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | ... | 3 | 0·07 | 0·06 |
| | Tarwadi | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | 2 | 0·04 | 0·19 |
| | 2nd Nagpada | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·04 | 0·05 |
| | Kamathipura | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | 2 | 0·04 | 0·03 |
| | Tardeo | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | 2 | 0·06 | 0·17 |
| | Byculla | ... | ... | 1 | 1 | 1 | 1 | ... | 3 | 2 | 2 | 4 | 1 | 16 | 0·17 | 0·14 |
| | 1st Nagpada | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 2 | ... | ... | 4 | 0.51 | 0·15 |
| F | Parel | ... | ... | ... | ... | 1 | ... | ... | 2 | ... | 1 | 1 | ... | 5 | 0·08 | 0·10 |
| | Sewri | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... |
| | Sion | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 2 | 0·03 | 0·14 |
| G | Mahim | ... | ... | 1 | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | 3 | 0·05 | 0·09 |
| | Worli | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | ...... | 0·05 |
| | Harbour, Docks, Railways and Unknown | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | 3 | 0·07 | 0·11 |
| | Total | 6 | 2 | 9 | 15 | 9 | 6 | 11 | 18 | 6 | 16 | 20 | 5 | 123 | 0·10 | 0·14 |

## 15

### TABLE of DEATHS from FEVER NOT DEFINED by Sections and Months in 1922.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. | Death Ratio per 1,000 of Population. | Mean Ratio per 1,000 of Population during the previous 5 years. |
| A | Upper Colaba | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | 0·26 | ...... |
| | Middle and Lower Colaba | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 3 | 0·14 | ...... |
| | Fort, South | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | ...... |
| | Fort, North | ... | ... | ... | ... | ... | 1 | ... | ... | 2 | ... | ... | 2 | 5 | 0·15 | ...... |
| | Esplanade | ... | ... | ... | ... | 1 | 1 | 1 | ... | 1 | ... | 1 | ... | 5 | 0·32 | ...... |
| B | Mandvi | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | 2 | 0·05 | ...... |
| | Chukla | 1 | ... | 1 | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 4 | 0·17 | ...... |
| | Umarkhadi | 2 | 1 | 1 | 2 | 3 | ... | ... | 1 | ... | 2 | 2 | ... | 14 | 0·29 | ...... |
| | Dongri | 1 | 2 | ... | 1 | 1 | ... | ... | ... | ... | 1 | 1 | 1 | 8 | 0·38 | ...... |
| C | Market | ... | ... | ... | 1 | ... | ... | ... | 1 | 1 | ... | 2 | ... | 5 | 0·14 | ...... |
| | Dhobi Talao | ... | 1 | ... | ... | ... | ... | ... | 1 | 2 | 3 | 2 | ... | 9 | 0·21 | ...... |
| | Fanaswadi | 1 | . | 2 | 1 | .. | 1 | ... | 1 | ... | 2 | 1 | 1 | 10 | 0·32 | ...... |
| | Bhuleshwar | ... | ... | ... | .. | 1 | ... | ... | 1 | 2 | 2 | 1 | ... | 7 | 0·20 | ...... |
| | Khara Talao | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ...... | ...... |
| | Kumbharwada | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 0·03 | ...... |
| D | Khetwadi | ... | ... | 2 | ... | ... | ... | 1 | ... | 2 | 1 | 1 | ... | 7 | 0·17 | ...... |
| | Girgaum | ... | 1 | 1 | ... | 2 | ... | 1 | 1 | 1 | 3 | 2 | ... | 12 | 0·32 | ...... |
| | Chowpati | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 3 | 0·20 | ...... |
| | Walkeshwar | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | .. | ... | 1 | 3 | 0·15 | ...... |
| | Mahalakshmi | 1 | ... | ... | ... | ... | 1 | ... | 2 | 1 | ... | 1 | ... | 6 | 0·15 | ...... |
| E | Mazagon | ... | ... | ... | 2 | ... | ... | ... | 1 | 1 | ... | ... | ... | 4 | 0·10 | ...... |
| | Tarwadi | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 0·02 | ...... |
| | 2nd Nagpada | ... | 1 | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 3 | 0·12 | ...... |
| | Kamathipura | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 3 | ... | 1 | 5 | 0·10 | ...... |
| | Tardeo | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 2 | 0·06 | ...... |
| | Byculla | ... | 1 | 1 | 3 | 2 | 2 | 2 | 1 | ... | 4 | 2 | 2 | 20 | 0·21 | ...... |
| | 1st Nagpada | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | 0·12 | ...... |
| F | Parel | 2 | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | 2 | 1 | 7 | 0·11 | ...... |
| | Sewri | ... | ... | ... | ... | ... | ... | 1 | 4 | ... | ... | 1 | ... | 6 | 0·20 | ...... |
| | Sion | 1 | ... | 2 | ... | 2 | 1 | ... | 1 | ... | 1 | 1 | 1 | 10 | 0·16 | ...... |
| G | Mahim | 1 | 1 | 1 | 5 | 2 | ... | ... | ... | ... | ... | 1 | ... | 9 | 0·17 | ...... |
| | Worli | 2 | 10 | 26 | 40 | 6 | 6 | 3 | 2 | 3 | 3 | 2 | 2 | 105 | 0·85 | ...... |
| | Harbour, Docks, Railways and Unknown | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | 0·02 | ...... |
| | Total | 12 | 22 | 39 | 57 | 24 | 14 | 10 | 18 | 18 | 26 | 27 | 12 | 279 | 0·23 | ...... |

## 16

## TABLE of DEATHS from DIARRHŒA, ENTERITIS and DYSENTERY by Sections and Months in 1922.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. | Death Ratio per 1,000 of Population. | Mean Ratio per 1,000 of Population during the previous 5 years. |
| A | Upper Colaba | 1 | 1 | 1 | 2 | ... | 1 | ... | 1 | 1 | 2 | 1 | ... | 11 | 2·94 | ...... |
| | Middle and Lower Colaba | 4 | 5 | 4 | 1 | ... | ... | 2 | 2 | 2 | 5 | 3 | 4 | 32 | 1·59 | ...... |
| | Fort, South | 1 | 1 | ... | 3 | 1 | 1 | 3 | 1 | ... | ... | 1 | ... | 12 | 2·83 | ...... |
| | Fort, North | 13 | 7 | 7 | 4 | 4 | ... | 4 | 5 | 9 | 8 | 11 | 7 | 79 | 2·50 | ...... |
| | Esplanade | 12 | 9 | 9 | 7 | 7 | 4 | 2 | 3 | 3 | 1 | 4 | 2 | 63 | 4·05 | ...... |
| B | Mandvi | 18 | 7 | 5 | 6 | 1 | 2 | 3 | 1 | 2 | 1 | 4 | 3 | 53 | 1·35 | ...... |
| | Chukla | 5 | 1 | 2 | 2 | 2 | 5 | 1 | 3 | ... | 2 | 1 | 4 | 28 | 1·21 | ...... |
| | Umarkhadi | 33 | 29 | 27 | 30 | 24 | 41 | 46 | 45 | 38 | 28 | 22 | 29 | 392 | 8·28 | ...... |
| | Dongri | 23 | 12 | 13 | 9 | 16 | 7 | 10 | 12 | 10 | 7 | 13 | 12 | 144 | 6·95 | ...... |
| C | Market | 5 | 8 | 7 | 5 | 3 | 1 | 3 | 4 | 6 | 2 | 2 | 3 | 49 | 1·37 | ...... |
| | Dhobi Talao | 11 | 8 | 8 | 11 | 6 | 8 | 6 | 9 | 8 | 7 | 5 | 14 | 101 | 2·37 | ...... |
| | Fanaswadi | 2 | 1 | 2 | 8 | 5 | 2 | 3 | 6 | 3 | 3 | 4 | 2 | 41 | 1·34 | ...... |
| | Bhuleshwar | 7 | 2 | 8 | 7 | 4 | 9 | 6 | 5 | 3 | 6 | 8 | 12 | 77 | 2·22 | ...... |
| | Khara Talao | 5 | 2 | 6 | 4 | 9 | 7 | 5 | 6 | 5 | 3 | 4 | 5 | 61 | 2·54 | ...... |
| | Kumbharwada | 3 | 8 | 6 | 6 | 4 | 8 | 9 | 3 | 3 | 2 | 4 | 5 | 56 | 1·69 | ...... |
| D | Khetwadi | 6 | 7 | 4 | 4 | 7 | 6 | 9 | 5 | 8 | ... | 5 | 7 | 68 | 1·67 | ...... |
| | Girgaum | 3 | 6 | 2 | 1 | 4 | 7 | 4 | 4 | 3 | 1 | 1 | 5 | 41 | 1·12 | ...... |
| | Chowpati | 2 | 4 | 2 | 2 | ... | 2 | 2 | 3 | 1 | 3 | 1 | 1 | 23 | 1·57 | ...... |
| | Walkeshwar | 2 | 2 | 2 | 2 | 1 | 4 | 2 | 3 | 2 | 4 | ... | 3 | 27 | 1·42 | ...... |
| | Mahalakshmi | 15 | 16 | 12 | 5 | 7 | 7 | 15 | 15 | 8 | 7 | 3 | 8 | 113 | 2·86 | ...... |
| E | Mazagon | 18 | 19 | 19 | 15 | 17 | 14 | 23 | 28 | 15 | 14 | 7 | 12 | 201 | 5·35 | ...... |
| | Tarwadi | 6 | 12 | 12 | 4 | 4 | 14 | 15 | 14 | 12 | 9 | 13 | 12 | 127 | 3·01 | ...... |
| | 2nd Nagpada | 8 | 8 | 16 | 8 | 3 | 2 | 6 | 12 | 9 | 7 | 7 | 6 | 92 | 3·95 | ...... |
| | Kamathipura | 15 | 15 | 14 | 4 | 2 | 12 | 8 | 20 | 16 | 17 | 5 | 13 | 141 | 3·69 | ...... |
| | Tardeo | 12 | 10 | 7 | 6 | 11 | 6 | 11 | 11 | 22 | 11 | 6 | 14 | 127 | 3·91 | ...... |
| | Byculla | 35 | 44 | 27 | 40 | 14 | 27 | 28 | 26 | 27 | 22 | 18 | 36 | 344 | 3·69 | ...... |
| | 1st Nagpada | 1 | ... | 1 | ... | ... | ... | 2 | 1 | 3 | 1 | .. | ... | 9 | 1·15 | ...... |
| F | Parel | 12 | 13 | 12 | 11 | 7 | 14 | 6 | 18 | 11 | 18 | 11 | 11 | 144 | 2·32 | ...... |
| | Sewri | 19 | 15 | 8 | 7 | 9 | 9 | 17 | 7 | 11 | 10 | 6 | 12 | 130 | 4·36 | ...... |
| | Sion | 36 | 36 | 29 | 15 | 23 | 22 | 22 | 25 | 34 | 29 | 24 | 30 | 325 | 5·45 | ...... |
| G | Mahim | 14 | 12 | 11 | 10 | 8 | 11 | 20 | 20 | 22 | 12 | 8 | 17 | 165 | 3·28 | ...... |
| | Worli | 30 | 31 | 25 | 17 | 27 | 20 | 28 | 38 | 45 | 34 | 32 | 48 | 375 | 3·04 | ...... |
| | Harbour, Docks, Railways and Unknown | 7 | 1 | 1 | 2 | 3 | 2 | 2 | 7 | 12 | 16 | 11 | 14 | 78 | 2·04 | ...... |
| | Total | 384 | 352 | 309 | 258 | 233 | 270 | 323 | 363 | 349 | 292 | 245 | 351 | 3,729 | 3·10 | ...... |

## 17

### TABLE of DEATHS from TUBERCULOSIS by Sections and Months in 1922.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. | Death Ratio per 1,000 of Population. | Mean Ratio per 1,000 of Population during the previous 5 years. |
| A | Upper Colaba | 1 | 1 | ... | ... | 1 | ... | 1 | 1 | ... | ... | 1 | ... | 6 | 1·60 | 7·01 |
| | Middle and Lower Colaba | 8 | 4 | ... | 2 | 6 | 4 | 1 | ... | 2 | 3 | 1 | ... | 31 | 1·54 | 1·77 |
| | Fort, South | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | ... | 2 | ... | 4 | 0·94 | 10·00 |
| | Fort, North | 8 | 8 | 7 | 7 | 2 | 5 | 4 | 7 | 5 | 3 | 5 | 8 | 69 | 2·18 | 3·92 |
| | Esplanade | 7 | 6 | 3 | 6 | 5 | 4 | 6 | 8 | 3 | 5 | 1 | 4 | 58 | 3·73 | 6·98 |
| B | Mandvi | 5 | 1 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 2 | 2 | 2 | 37 | 0·94 | 2·45 |
| | Chukla | 4 | 3 | 5 | 5 | 6 | 3 | 7 | 2 | ... | 2 | 2 | 1 | 40 | 1·74 | 2·29 |
| | Umarkhadi | 7 | 2 | 2 | 2 | 2 | 4 | 2 | 2 | 4 | 2 | 1 | 5 | 35 | 0·73 | 2·04 |
| | Dongri | 4 | ... | 2 | ... | 3 | ... | 2 | 1 | 1 | ... | ... | ... | 13 | 0·62 | 0·96 |
| C | Market | 8 | 8 | 6 | 6 | 1 | ... | 5 | 9 | 5 | 4 | 5 | 6 | 62 | 1·76 | 1·41 |
| | Dhobi Talao | ... | 1 | 5 | 8 | 4 | 9 | 5 | 8 | 5 | 8 | 4 | 8 | 65 | 1·52 | 1·52 |
| | Fanaswadi | 5 | 3 | 1 | 8 | 3 | 3 | 7 | 7 | 2 | 3 | 3 | 2 | 47 | 1·54 | 1·32 |
| | Bhuleshwar | 4 | 4 | 10 | 4 | 2 | 5 | 3 | 3 | 8 | 3 | 2 | 9 | 57 | 1·64 | 1·08 |
| | Khara Talao | 4 | 3 | 5 | 3 | 1 | 2 | 4 | 3 | 8 | 5 | 3 | 7 | 48 | 1·99 | 2·33 |
| | Kumbharwada | 8 | 6 | 3 | 1 | 2 | 4 | 10 | 4 | 10 | 6 | 7 | 5 | 66 | 1·99 | 2·69 |
| D | Khetwadi | 4 | 11 | 11 | 7 | 10 | 5 | 10 | 7 | 6 | 8 | 3 | 4 | 86 | 2·12 | 2·89 |
| | Girgaum | 7 | 3 | 3 | 9 | 8 | 6 | 6 | 7 | 1 | 4 | 6 | 4 | 64 | 1·74 | 3·11 |
| | Chowpati | 4 | .. | 1 | 1 | ... | 2 | ... | 4 | 1 | 3 | 2 | 1 | 19 | 1·30 | 2·34 |
| | Walkeshwar | 2 | 2 | 4 | 3 | 3 | 2 | 1 | 3 | 1 | 1 | 1 | 2 | 25 | 1·31 | 1·89 |
| | Mahalakshmi | 4 | 3 | 8 | 1 | 1 | 4 | 10 | 7 | 3 | 7 | 3 | 10 | 61 | 1·54 | 2·30 |
| E | Mazagon | 1 | 3 | 3 | 2 | 2 | 2 | 3 | 1 | 3 | 3 | 1 | 3 | 27 | 0·71 | 0·51 |
| | Tarwadi | 2 | 6 | 4 | 6 | 3 | 3 | 5 | 5 | 3 | 5 | 8 | 3 | 53 | 1·25 | 3·34 |
| | 2nd Nagpada | 1 | 2 | 2 | 1 | ... | ... | 2 | ... | ... | 1 | 4 | 3 | 16 | 0·68 | 4·23 |
| | Kamathipura | 2 | 2 | 4 | 5 | 2 | 4 | 3 | 2 | 5 | 5 | 8 | 2 | 44 | 0·96 | 4·78 |
| | Tardeo | 5 | 1 | 5 | 1 | 1 | 2 | 6 | 4 | 4 | 4 | 5 | 3 | 41 | 1·26 | 4·62 |
| | Byculla | 15 | 8 | 8 | 9 | 19 | 10 | 3 | 8 | 5 | 10 | 8 | 5 | 108 | 1·15 | 1·11 |
| | 1st Nagpada | ... | 2 | 1 | 1 | 1 | 3 | ... | 1 | 1 | ... | 1 | ... | 11 | 1·41 | 2·40 |
| F | Parel | 3 | 2 | 2 | 6 | 1 | 2 | 4 | 5 | 4 | 4 | 1 | 9 | 43 | 0·69 | 0·85 |
| | Sewri | ... | ... | ... | 1 | ... | ... | ... | ... | 2 | 2 | 2 | ... | 7 | 0·23 | 0·48 |
| | Sion | 4 | 2 | 4 | ... | 3 | 3 | 4 | 5 | 11 | 4 | 6 | 2 | 48 | 0·80 | 3·99 |
| G | Mahim | 3 | 1 | ... | 5 | 3 | 5 | 4 | 3 | 3 | 5 | 2 | 3 | 37 | 0·78 | 1·41 |
| | Worli | 5 | 4 | 9 | 2 | 4 | 6 | 5 | 6 | 3 | 3 | 7 | 3 | 57 | 0·46 | 1·32 |
| | Harbour, Docks, Railways and Unknown | 9 | 2 | 1 | 2 | 5 | 5 | 7 | 13 | 8 | 18 | 11 | 6 | 87 | 2·28 | 0·37 |
| | Total ... | 144 | 104 | 123 | 119 | 108 | 110 | 134 | 139 | 121 | 133 | 118 | 120 | 1,473 | 1·22 | 21·33 |

## 18

## TABLE of DEATHS from RESPIRATORY DISEASES by Sections and Months in 1922.

| 1 | 2 | 3 | | | | | | | | | | | | 4 | 5 | 6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ward. | SECTION. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. | Death Ratio per 1,000 of Population. | Mean Ratio per 1,000 of Population during the previous 5 years. |
| A | Upper Colaba | 5 | 3 | 2 | 2 | 7 | 2 | 4 | 1 | 3 | 3 | 3 | 9 | 44 | 11·76 | 19·05 |
| | Middle and Lower Colaba | 33 | 33 | 23 | 15 | 13 | 13 | 18 | 13 | 20 | 26 | 20 | 20 | 246 | 12·26 | 12·85 |
| | Fort, South | 1 | 1 | 4 | 2 | 2 | 2 | 1 | 3 | 5 | 2 | 3 | 2 | 28 | 6·61 | 13·89 |
| | Fort, North | 36 | 43 | 31 | 38 | 28 | 19 | 21 | 21 | 20 | 25 | 36 | 31 | 349 | 11·05 | 17·36 |
| | Esplanade | 16 | 25 | 19 | 14 | 15 | 15 | 14 | 9 | 8 | 24 | 15 | 15 | 189 | 12·15 | 17·78 |
| B | Mandvi | 63 | 60 | 38 | 44 | 54 | 24 | 27 | 36 | 30 | 54 | 39 | 51 | 520 | 13·25 | 20·56 |
| | Chakla | 32 | 30 | 26 | 40 | 25 | 35 | 28 | 27 | 18 | 43 | 23 | 22 | 349 | 15·20 | 19·97 |
| | Umarkhadi | 63 | 57 | 64 | 63 | 50 | 42 | 49 | 48 | 42 | 47 | 49 | 46 | 620 | 18·10 | 21·38 |
| | Dongri | 27 | 31 | 27 | 22 | 16 | 27 | 22 | 15 | 13 | 29 | 20 | 20 | 269 | 12·98 | 19·12 |
| C | Market | 30 | 28 | 21 | 26 | 23 | 17 | 23 | 14 | 12 | 20 | 31 | 24 | 269 | 7·54 | 15·41 |
| | Dhobi Talao | 29 | 31 | 21 | 41 | 22 | 24 | 20 | 32 | 31 | 24 | 26 | 27 | 328 | 7·71 | 16·91 |
| | Fanaswadi | 25 | 19 | 24 | 29 | 21 | 20 | 16 | 17 | 22 | 28 | 22 | 23 | 266 | 8·75 | 17·86 |
| | Bhuleshwar | 49 | 49 | 37 | 46 | 40 | 40 | 36 | 33 | 24 | 39 | 24 | 32 | 449 | 12·99 | 17·82 |
| | Khara Talao | 27 | 30 | 36 | 31 | 30 | 23 | 23 | 24 | 25 | 22 | 20 | 29 | 320 | 18·33 | 19·77 |
| | Kumbharwada | 43 | 21 | 27 | 33 | 37 | 23 | 28 | 36 | 17 | 27 | 34 | 35 | 361 | 10·98 | 19·47 |
| D | Khetwadi | 29 | 24 | 21 | 31 | 33 | 19 | 31 | 23 | 20 | 36 | 22 | 23 | 312 | 7·70 | 14·40 |
| | Girgaum | 25 | 31 | 16 | 23 | 28 | 21 | 21 | 26 | 18 | 27 | 23 | 32 | 291 | 7·95 | 15·62 |
| | Chowpati | 7 | 10 | 9 | 10 | 9 | 3 | 9 | 7 | 5 | 7 | 9 | 10 | 95 | 6·50 | 10·94 |
| | Walkeshwar | 7 | 9 | 14 | 7 | 8 | 6 | 8 | 9 | 7 | 1 | 9 | 2 | 87 | 4·57 | 11·46 |
| | Mahalakshmi | 41 | 31 | 36 | 38 | 39 | 22 | 29 | 29 | 32 | 29 | 21 | 31 | 378 | 9·58 | 17·24 |
| E | Mazagon | 62 | 60 | 61 | 62 | 44 | 39 | 50 | 36 | 30 | 32 | 47 | 42 | 565 | 15·04 | 27·06 |
| | Tarwadi | 37 | 47 | 36 | 28 | 35 | 18 | 33 | 42 | 35 | 40 | 40 | 41 | 432 | 10·24 | 26·65 |
| | 2nd Nagpada | 23 | 27 | 29 | 49 | 47 | 45 | 25 | 30 | 20 | 33 | 28 | 25 | 381 | 16·39 | 27·52 |
| | Kamathipura | 62 | 47 | 60 | 50 | 53 | 51 | 37 | 31 | 44 | 32 | 32 | 39 | 538 | 11·82 | 26·28 |
| | Tardeo | 41 | 59 | 43 | 48 | 46 | 41 | 26 | 46 | 32 | 39 | 40 | 43 | 504 | 15·52 | 23·11 |
| | Byculla | 124 | 115 | 139 | 123 | 107 | 90 | 147 | 116 | 120 | 118 | 107 | 104 | 1,410 | 15·13 | 23·81 |
| | 1st Nagpada | 6 | 11 | 5 | 8 | 3 | 7 | 6 | 4 | 3 | 3 | 5 | 6 | 67 | 8·60 | 16·67 |
| F | Parel | 78 | 76 | 95 | 73 | 68 | 47 | 51 | 36 | 43 | 61 | 46 | 61 | 735 | 11·86 | 24·02 |
| | Sewri | 57 | 48 | 44 | 60 | 49 | 21 | 31 | 16 | 17 | 21 | 25 | 31 | 420 | 14·09 | 28·98 |
| | Sion | 96 | 62 | 56 | 53 | 56 | 32 | 60 | 41 | 34 | 52 | 43 | 64 | 649 | 10·89 | 22·30 |
| G | Mahim | 51 | 59 | 57 | 57 | 56 | 41 | 51 | 45 | 39 | 45 | 59 | 73 | 633 | 12·59 | 20·19 |
| | Worli | 118 | 136 | 148 | 179 | 114 | 81 | 116 | 102 | 82 | 85 | 114 | 137 | 1,412 | 11·44 | 19·36 |
| | Harbour, Docks, Railways and Unknown | 7 | 8 | 3 | 5 | 5 | 3 | 3 | 7 | 6 | 17 | 18 | 16 | 98 | 2·57 | 1·22 |
| | Total | 1,350 | 1,320 | 1,272 | 1,350 | 1,183 | 913 | 1,064 | 975 | 877 | 1,091 | 1,053 | 1,166 | 13,614 | 11·34 | 19·53 |

Table No. 19.—Deaths from injuries by Sections and Months has been abolished.

## 20

## TABLE of DEATHS by Causes

| Wards. | SECTIONS. | 1 Enteric Fever. | 2 Small-pox. | 3 Measles. | 4 *Scarlet Fever. | 5 Whooping Cough. | 6 Diphtheria and Croup. | 7 Influenza. | 9 Phthisis (Pulmonary Tuberculosis.) | 11 Other Tuberculous Diseases. | 12 Cancer, Malignant Disease. | 13 Rheumatic Fever. | 14 Meningitis. | 15 Organic Heart Disease. | 16 Bronchitis. | 17 Pneumonia (all forms). | 18 Other Diseases of the Respiratory Organs. | 19 Diarrhœa and Enteritis. | 20 Appendicitis and Typhlitis. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | Upper Colaba ... ... | 1 | ... | ... | ... | ... | ... | 1 | 5 | 1 | ... | ... | ... | ... | 21 | 18 | 5 | 8 | ... |
|  | Middle and Lower Colaba | 3 | 2 | 2 | ... | 1 | ... | 16 | 29 | 2 | 2 | ... | 3 | 3 | 74 | 150 | 22 | 21 | ... |
|  | Fort, South ... ... | 4 | ... | ... | ... | ... | ... | 1 | 4 | ... | ... | ... | ... | ... | 7 | 20 | 1 | 10 | ... |
|  | Fort, North ... ... | 10 | ... | ... | ... | ... | 1 | 35 | 58 | 11 | 5 | 2 | 16 | 8 | 71 | 251 | 27 | 58 | 2 |
|  | Esplanade ... ... | 6 | ... | ... | ... | ... | ... | 11 | 54 | 4 | 2 | 1 | 4 | 5 | 24 | 157 | 8 | 51 | 2 |
| B | Mandvi ... ... ... | 10 | 1 | ... | ... | ... | ... | 6 | 38 | 4 | 4 | 2 | 6 | 8 | 107 | 377 | 36 | 39 | ... |
|  | Chukla ... ... ... | ... | ... | ... | ... | ... | ... | 1 | 37 | 3 | 2 | ... | 2 | 2 | 117 | 202 | 30 | 25 | 1 |
|  | Umarkhadi ... ... | 7 | ... | ... | ... | 1 | ... | 86 | 32 | 3 | ... | ... | 6 | 2 | 52 | 406 | 162 | 240 | 1 |
|  | Dongri ... ... ... | 4 | ... | ... | ... | ... | ... | 43 | 11 | 2 | 1 | ... | 1 | 2 | 18 | 216 | 35 | 95 | 1 |
| C | Market ... ... ... | 1 | 1 | 1 | ... | ... | ... | 11 | 58 | 5 | 3 | ... | 8 | 3 | 43 | 210 | 16 | 37 | 1 |
|  | Dhobi Talao .. ... | 13 | 2 | 1 | ... | 1 | ... | 24 | 61 | 4 | 3 | 2 | 11 | 18 | 59 | 258 | 11 | 88 | 2 |
|  | Fanaswadi ... ... | 4 | 11 | 2 | ... | 1 | ... | 11 | 46 | 1 | 8 | 3 | 5 | 5 | 40 | 207 | 19 | 30 | 3 |
|  | Bhuleshwar ... ... | 1 | 1 | ... | ... | ... | ... | 12 | 50 | 7 | 1 | ... | 7 | 3 | 143 | 219 | 87 | 61 | ... |
|  | Khara Talao ... ... | ... | 1 | ... | ... | ... | ... | 7 | 42 | 6 | 2 | 1 | 5 | 4 | 101 | 162 | 57 | 44 | ... |
|  | Kumbharwada ... ... | ... | ... | 3 | ... | ... | ... | 8 | 56 | 10 | 1 | ... | 3 | 4 | 111 | 184 | 66 | 45 | ... |
| D | Khetwadi ... ... | 6 | 5 | ... | ... | 1 | ... | 10 | 78 | 8 | 5 | 5 | 8 | 5 | 29 | 255 | 28 | 49 | 3 |
|  | Girgaum ... ... | 3 | 1 | 3 | .. | ... | ... | 7 | 61 | 3 | 3 | ... | 3 | 2 | 39 | 221 | 31 | 34 | 3 |
|  | Chowpati ... ... | 3 | ... | ... | ... | ... | ... | 6 | 18 | 1 | 3 | ... | 3 | 4 | 16 | 73 | 6 | 15 | ... |
|  | Walkeshwar ... .. | ... | 1 | ... | ... | ... | ... | 3 | 20 | 5 | 2 | ... | 3 | 3 | 9 | 70 | 8 | 22 | 1 |
|  | Mahalakshmi ... ... | 3 | 2 | ... | ... | 1 | 1 | 6 | 57 | 4 | 6 | ... | 4 | 9 | 59 | 285 | 34 | 90 | ... |
| E | Mazagon ... ... | 3 | ... | 1 | ... | 1 | ... | 40 | 22 | 5 | 2 | 3 | 1 | 4 | 63 | 456 | 46 | 161 | 2 |
|  | Tarwadi ... ... | 2 | 1 | ... | ... | 1 | 1 | 40 | 44 | 9 | 4 | ... | 7 | 5 | 63 | 332 | 37 | 90 | 2 |
|  | 2nd Nagpada ... ... | 1 | ... | 1 | ... | ... | .. | 9 | 14 | 2 | 2 | 5 | 2 | 1 | 95 | 240 | 46 | 66 | 1 |
|  | Kamathipura ... ... | 2 | 1 | 1 | ... | ... | ... | 5 | 41 | 3 | 1 | 1 | 2 | 2 | 157 | 350 | 31 | 102 | ... |
|  | Tardeo ... ... ... | 2 | 3 | ... | ... | ... | ... | 10 | 36 | 5 | 4 | 1 | 10 | 7 | 81 | 369 | 54 | 84 | ... |
|  | Byculla ... ... ... | 16 | 3 | 1 | ... | 1 | ... | 9 | 101 | 7 | 5 | ... | 11 | 7 | 224 | 996 | 190 | 277 | 2 |
|  | 1st Nagpada ... ... | 4 | ... | ... | ... | ... | 1 | 2 | 9 | 2 | 1 | ... | 1 | 3 | 9 | 46 | 12 | 5 | 2 |
| F | Parel ... ... ... | 5 | 2 | ... | ... | ... | 1 | 45 | 36 | 7 | 1 | 2 | 6 | 3 | 231 | 396 | 108 | 89 | 3 |
|  | Sewri ... ... ... | ... | ... | ... | ... | ... | ... | 13 | 7 | ... | ... | ... | 3 | 1 | 129 | 239 | 52 | 79 | 1 |
|  | Sion ... ... ... | 2 | 1 | 1 | ... | 1 | ... | 11 | 40 | 8 | 8 | 2 | 1 | 4 | 194 | 346 | 109 | 201 | ... |
| G | Mahim ... ... ... | 3 | 6 | ... | ... | 2 | ... | 13 | 32 | 5 | 2 | 1 | 4 | 10 | 191 | 370 | 72 | 105 | 2 |
|  | Worli ... ... ... | 1 | 15 | 5 | ... | ... | ... | 16 | 54 | 3 | 6 | 3 | 7 | 3 | 240 | 959 | 213 | 209 | 1 |
|  | Harbour, Docks, Railways and Unknown ... | 3 | 1 | ... | ... | ... | ... | 10 | 79 | 8 | 1 | ... | 8 | 3 | 16 | 78 | 4 | 58 | 2 |
|  | TOTAL .. | 123 | 61 | 22 | ... | 12 | 5 | 528 | 1,325 | 148 | 90 | 34 | 161 | 138 | 2,833 | 9,118 | 1,663 | 2,588 | 38 |

and Sections in 1922.

| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | | | | | | | | | | 29 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cirrhosis of Liver. | Nephritis and Bright's Disease. | Puerperal Fever. | Other accidents and Diseases of Pregnancy and Parturition. | Congenital Debility and Malformation including Premature Birth. | Violent Deaths, excluding suicide. | Suicide. | OTHER DEFINED DISEASES. | | | | | | | | | | Diseases ill-defined or unknown. | Still-born. | TOTAL. |
| | | | | | | | A | B | C | CC | D | E | F | G | H | K | | | |
| | | | | | | | Plague. | Kála-Azar. | Malaria. | Ague and Remittent Fever. | Relapsing Fever. | Fever not defined. | Cholera. | Dysentery. | Leprosy. | Other Defined Diseases. | | | |
| ... | ... | ... | ... | 15 | 6 | 1 | ... | ... | 7 | ... | ... | 1 | ... | 3 | ... | 15 | 1 | *6* | 109 |
| 3 | 1 | 2 | 1 | 53 | 23 | 2 | 54 | ... | 24 | 3 | ... | 3 | 1 | 11 | ... | 83 | 6 | *19* | 600 |
| ... | 5 | ... | 1 | 3 | 1 | 2 | 2 | ... | 5 | 3 | 1 | ... | ... | 2 | ... | 10 | 1 | ... | 83 |
| 1 | 16 | 6 | 5 | 74 | 17 | 5 | 16 | ... | 45 | 37 | 2 | 5 | 1 | 21 | 1 | 206 | 12 | *47* | 1,025 |
| 1 | 4 | 2 | 1 | 32 | 13 | ... | 4 | ... | 27 | 3 | 5 | 5 | ... | 12 | ... | 62 | 11 | *17* | 511 |
| ... | 2 | 10 | 4 | 69 | 16 | 2 | 22 | ... | 9 | 15 | 3 | 2 | ... | 14 | ... | 153 | 11 | *34* | 960 |
| ... | 2 | 19 | 1 | 68 | 8 | ... | 11 | ... | 4 | 10 | ... | 4 | ... | 3 | ... | 148 | 14 | *34* | 714 |
| 11 | 22 | ... | 4 | 118 | 30 | 4 | 16 | ... | 7 | 136 | 5 | 14 | 1 | 152 | ... | 359 | 13 | *103* | 1,890 |
| 2 | 10 | 1 | 3 | 47 | 16 | 1 | 5 | ... | 13 | 68 | 5 | 8 | ... | 49 | 1 | 114 | 5 | *45* | 777 |
| 3 | 3 | 6 | 6 | 45 | 20 | 3 | 6 | ... | 14 | 25 | ... | 5 | 1 | 12 | ... | 136 | 6 | *45* | 689 |
| 5 | 14 | 8 | 5 | 95 | 22 | 4 | 14 | ... | 30 | 56 | ... | 9 | ... | 13 | ... | 233 | 32 | *66* | 1,098 |
| 1 | 4 | 5 | 2 | 68 | 13 | 3 | 17 | ... | 7 | 60 | ... | 10 | ... | 11 | ... | 193 | 18 | *47* | 807 |
| 3 | 2 | 10 | ... | 100 | 18 | 1 | 12 | ... | 7 | 44 | 1 | 7 | 1 | 16 | ... | 289 | 18 | *51* | 1,121 |
| 6 | 1 | 8 | ... | 71 | 14 | 1 | 5 | ... | 3 | 38 | 2 | ... | ... | 17 | 1 | 262 | 7 | *39* | 868 |
| 2 | 4 | 3 | ... | 88 | 13 | ... | 5 | ... | 2 | 28 | 1 | 1 | 2 | 11 | 1 | 182 | 8 | *48* | 842 |
| 2 | 3 | 10 | 5 | 104 | 23 | 2 | 9 | ... | 36 | 48 | ... | 7 | ... | 19 | ... | 238 | 47 | *60* | 1,048 |
| 2 | 6 | 14 | 2 | 99 | 18 | 3 | 1 | ... | 12 | 96 | 1 | 12 | 1 | 7 | ... | 252 | 30 | *63* | 970 |
| ... | ... | 4 | ... | 39 | 13 | 1 | 2 | ... | 7 | 14 | ... | 3 | ... | 8 | ... | 90 | 3 | *31* | 332 |
| 1 | 5 | 5 | 1 | 40 | 12 | 2 | 4 | ... | 7 | 11 | 1 | 3 | ... | 5 | ... | 77 | 5 | *26* | 326 |
| 2 | 8 | 7 | 3 | 120 | 27 | 1 | 11 | ... | 36 | 20 | 1 | 6 | ... | 23 | ... | 150 | 55 | *53* | 1,031 |
| 3 | 5 | 1 | 1 | 132 | 25 | 4 | 36 | ... | 6 | 152 | ... | 4 | ... | 40 | 1 | 828 | 18 | *85* | 1,561 |
| 4 | 11 | 1 | 4 | 101 | 45 | 3 | 35 | ... | 9 | 132 | 3 | 1 | ... | 37 | 1 | 264 | 14 | *53* | 1,303 |
| ... | 7 | 2 | ... | 79 | 14 | 1 | 6 | ... | 9 | 43 | 2 | 3 | 1 | 26 | ... | 251 | 15 | *46* | 944 |
| 2 | 3 | 3 | 3 | 162 | 23 | 1 | 3 | ... | 11 | 106 | ... | 5 | ... | 39 | ... | 368 | 24 | *72* | 1,452 |
| 2 | 4 | 7 | 3 | 105 | 23 | 4 | 6 | ... | 12 | 33 | 2 | 2 | 1 | 43 | ... | 223 | 15 | *53* | 1,151 |
| 1 | 14 | 16 | 5 | 404 | 46 | 6 | 33 | ... | 33 | 344 | 5 | 20 | 1 | 67 | ... | 592 | 46 | *190* | 3,483 |
| ... | 5 | ... | 1 | 13 | 5 | 1 | 3 | ... | 5 | 4 | ... | 1 | 1 | 4 | ... | 34 | ... | *12* | 174 |
| 2 | 10 | 17 | 8 | 212 | 33 | 5 | 60 | ... | 16 | 164 | 2 | 7 | 2 | 55 | ... | 289 | 46 | *117* | 1,863 |
| ... | 1 | 10 | 2 | 139 | 31 | 1 | 14 | ... | 1 | 128 | 2 | 6 | ... | 51 | ... | 158 | 19 | *44* | 1,087 |
| 3 | 9 | 10 | 3 | 216 | 38 | 2 | 59 | ... | 22 | 262 | 1 | 10 | 1 | 124 | 72 | 271 | 37 | *91* | 2,068 |
| 5 | 13 | 1 | 1 | 219 | 25 | 3 | 35 | ... | 6 | 99 | 1 | 9 | ... | 60 | ... | 273 | 7 | *114* | 1,576 |
| 8 | 11 | 11 | 9 | 542 | 64 | 6 | 120 | ... | 17 | 521 | 4 | 105 | ... | 166 | ... | 904 | 85 | *198* | 4,308 |
| 3 | 7 | 1 | 1 | 12 | 75 | 4 | 6 | ... | 36 | ... | 6 | 1 | ... | 20 | ... | 67 | 17 | *7* | 527 |
| 77 | 212 | 200 | 85 | 3,684 | 770 | 78 | 632 | ... | 485 | 2,703 | 56 | 279 | 15 | 1,141 | 78 | 7,269 | 646 | *1,916* | 37,297 |

## 21

## COMPARATIVE TABLE of BIRTHS and of DEATHS from some of the PRINCIPAL CAUSES during 1922 and the preceding 10 years.

| YEAR. | Births (excluding still-born.) | | Total Deaths | | Plague. | | Small-pox. | | Measles. | | Cholera. | | Influenza. | | Enteric Fever. | | Malaria. | | Ague and Remittent Fever. | | Tuberculosis. | | Diarrhœa Enteritis and Dysentery. | | Respiratory Diseases. | | Deaths under 1 year. | | Deaths of Children (1 to 5 years) | | Still-born. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. Registered | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered. | Rate per 1,000. | No. Registered | Rate per 1,000. | No. Registered. | Rate per 1,000 Births Registered. | No. Registered. | Percent of total Deaths. | |
| 1912 .. | 21,518 | 21·96 | 38,954 | 39·77 | 1,717 | 1·75 | 979 | 0·99 | 210 | 0·21 | 1,790 | 1·82 | ... | ... | 152 | 0·15 | 360 | 0·36 | 3,070 | 3·13 | 2,794 | 2·85 | 4,605 | 4·70 | 9,686 | 9·88 | 9,646 | 448·2 | 4,830 | 12·39 | 1,668 |
| 1913 ... | 19,644 | 20·05 | 31,806 | 32·47 | 2,609 | 2·66 | 212 | 0·21 | 222 | 0·22 | 135 | 0·12 | 1 | ... | 154 | 0·15 | 261 | 0·26 | 2,624 | 2·67 | 2,152 | 2·19 | 3,231 | 3·29 | 8,604 | 8·78 | 7,488 | 381·1 | 3,661 | 11·51 | 1,692 |
| 1914 ... | 19,674 | 20·09 | 31,853 | 32·52 | 2,941 | 3·00 | 252 | 0·25 | 263 | 0·26 | 221 | 0·22 | 3 | ... | 147 | 0·14 | 213 | 0·21 | 2,517 | 2·56 | 1,889 | 1·92 | 3,159 | 3·22 | 8,734 | 8·91 | 7,580 | 385·1 | 3,775 | 11·85 | 1,561 |
| 1915 ... | 20,052 | 20·47 | 23,681 | 24.17 | 599 | 0·61 | 359 | 0·36 | 70 | 0·07 | 16 | 0·01 | 1 | ... | 109 | 0·11 | 208 | 0·21 | 1,774 | 1·81 | 1,710 | 1·74 | 2,267 | 2·31 | 6,770 | 6·91 | 6,602 | 329·2 | 2,535 | 10·70 | 1,532 |
| 1916 ... | 21,180 | 21·62 | 30,574 | 31·21 | 1,987 | 2·02 | 1,021 | 1.04 | 344 | 0·35 | 141 | 0·14 | 6 | ... | 168 | 0·17 | 238 | 0·24 | 1,732 | 1·76 | 1,902 | 1·94 | 2,600 | 2·65 | 9,649 | 9·85 | 8,215 | 387·8 | 3,602 | 11·78 | 1,687 |
| 1917 ... | 21,651 | 22·10 | 33,390 | 34·09 | 1,706 | 1·74 | 269 | 0·27 | 221 | 0·22 | 61 | 0.06 | 5 | ... | 170 | 0·17 | 262 | 0·26 | 2,012 | 2·05 | 2,118 | 2·16 | 2,829 | 2·88 | 11,231 | 11·46 | 8,870 | 409·6 | 3,839 | 11·79 | 1,888 |
| 1918 .. | 21,738 | 22·18 | 58,388 | 59·61 | 1,143 | 1·16 | 1,024 | 1·04 | 486 | 0·49 | 1,662 | 1·69 | 3,964 | 4·04 | 125 | 0·12 | 209 | 0·23 | 4,219 | 4·30 | 2,513 | 2·56 | 3,267 | 3·33 | 23,487 | 23·97 | 12,829 | 590·3 | 7,479 | 12·80 | 2,066 |
| 1919 ... | 20,730 | 21·16 | 68,610 | 70·04 | 702 | 0·71 | 780 | 0·79 | 561 | 0·57 | 8,455 | 8·63 | 1,942 | 1·98 | 131 | 0·13 | 262 | 0·26 | 5,071 | 5·17 | 2,780 | 2·83 | 5,280 | 5·28 | 24,055 | 24·55 | 13,534 | 652·8 | 8,501 | 12·39 | 2,014 |
| 1920 ... | 19,731 | 20·14 | 45,839 | 46·80 | 282 | 0·28 | 294 | 0·20 | 118 | 0·12 | 119 | 0·12 | 1,605 | 1·63 | 157 | 0·16 | 311 | 0·31 | 3,216 | 3·28 | 1,841 | 1·87 | 3,571 | 3·64 | 18,737 | 19·13 | 10,896 | 552·2 | 5,675 | 12·58 | 1,878 |
| 1921 ... | 19,125 | 16·26 | 53,609 | 45·58 | 811 | 0·68 | 406 | 0·34 | 201 | 0·17 | 70 | 0·05 | 1,389 | 1·18 | 152 | 0·12 | 545 | 0·46 | 4,234 | 3·60 | 1,614 | 1·37 | 4,957 | 4·21 | 21,982 | 18·69 | 12,751 | 666·7 | 7,397 | 13·79 | 2,082 |
| Average of 1912-1921. | 20,504 | 20·42 | 41,670 | 41·70 | 1,450 | 1·45 | 560 | 0·56 | 270 | 0·27 | 1,266 | 1·26 | 892 | 0.89 | 146 | 0·14 | 286 | 0·28 | 3,047 | 3·04 | 2,131 | 2·13 | 3,577 | 3·58 | 14,293 | 14·30 | 9 841 | 479·9 | 5,129 | 12·30 | 1,797 |
| Average of 1917-1921. | 20,594 | 20·21 | 51,967 | 51·01 | 929 | 0·91 | 555 | 0·54 | 317 | 0·31 | 2,073 | 2·03 | 1,781 | 1·74 | 147 | 0·14 | 316 | 0·31 | 3,750 | 3·68 | 2,173 | 2·13 | 3,981 | 3·90 | 19,898 | 19·53 | 11,776 | 571·8 | 6,578 | 12·65 | 1,986 |
| 1922 ... | 20,452 | 17·03 | 37,297 | 31·06 | 632 | 0·52 | 61 | 0·05 | 22 | 0·01 | 15 | 0·01 | 528 | 0·43 | 123 | 0·10 | 485 | 0·40 | 2,703 | 2·25 | 1,473 | 1·22 | 3,729 | 3·10 | 13,614 | 11·33 | 8,236 | 402·7 | 4,874 | 13·06 | 1,916 |

## 22

## TABLE of DEATHS by Causes and Months in 1922.

*Note*:—The Nomenclature and the Classification Numbers in this Table are in accordance with the Manual of the International List of Causes of Death as adapted for use in England and Wales.

| Classification No. | SPECIFIC CAUSES OF DEATH. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | I.—GENERAL DISEASES. | | | | | | | | | | | | | |
| 1 | Enteric fever ... ... | 6 | 2 | 9 | 15 | 9 | 6 | 11 | 18 | 6 | 16 | 20 | 5 | 123 |
| 2 | Typhus ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 3 (A-B) | Relapsing fever ... ... | ... | 6 | 10 | 14 | 9 | 6 | 5 | 1 | ... | 3 | 2 | ... | 56 |
| 3 C | Fever not defined ... ... | 12 | 22 | 39 | 57 | 24 | 14 | 10 | 18 | 18 | 26 | 27 | 12 | 279 |
| 4 (A) | Malaria ... ... ... | 38 | 44 | 25 | 25 | 32 | 20 | 33 | 25 | 33 | 92 | 65 | 53 | 485 |
| 4 (B) | Ague and Remittent fever.. | 279 | 251 | 300 | 240 | 187 | 189 | 171 | 214 | 207 | 233 | 217 | 215 | 2,703 |
| 5 | Small-pox ... ... ... | 4 | 3 | 10 | 10 | 10 | 3 | 3 | ... | 1 | 6 | 3 | 8 | 61 |
| 6 | Measles ... ... ... | 1 | 2 | 1 | 2 | 1 | 5 | 1 | 1 | 1 | 1 | 3 | 3 | 22 |
| 7 | Scarlet fever ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 8 | Whooping cough ... ... | 1 | 1 | ... | 3 | 1 | 1 | 1 | ... | 2 | ... | ... | 2 | 12 |
| 9 (A) | Diptheria ... ... ... | 2 | ... | 1 | ... | ... | 1 | .. | ... | ... | 1 | ... | ... | 5 |
| 9 (B-C) | Croup ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 10 | Influenza ... ... ... | 36 | 75 | 114 | 81 | 59 | 25 | 20 | 22 | 25 | 22 | 34 | 15 | 528 |
| 11 | Miliary fever ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 12 | Asiatic cholera ... ... | ... | 1 | ... | 1 | 1 | 3 | 3 | 2 | 1 | 2 | ... | 1 | 15 |
| 13 | Cholera nostras ... ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | 1 | 1 | 1 | 5 |
| 14 | Dysentery ... ... ... | 115 | 100 | 93 | 74 | 54 | 72 | 87 | 121 | 137 | 108 | 84 | 106 | 1,141 |
| 15 | Plague ... ... ... | 35 | 73 | 125 | 163 | 75 | 23 | 24 | 37 | 19 | 25 | 22 | 11 | 632 |
| 16 | Yellow fever ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 17 | Leprosy ... ... ... | 4 | 10 | 5 | 7 | 4 | 2 | 7 | 5 | 10 | 9 | 8 | 7 | 78 |
| 18 | Erysipelas ... ... .. | ... | ... | 2 | 1 | 1 | 1 | 1 | ... | 2 | ... | 1 | 2 | 11 |
| 19 (A) | Mumps ... ... ... | ... | 1 | 3 | ... | ... | ... | ... | ... | ... | ... | 1 | 2 | 7 |
| 19 (C) | Varicella ... ... ... | ... | ... | ... | 1 | ... | 1 | 1 | ... | ... | ... | ... | 1 | 4 |
| 19 (B & D) | Other epidemic diseases ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 2 |
| 20 (A-B-C) | Pyæmia, Septicæmia ... | 11 | 6 | 5 | 4 | 7 | 3 | 3 | 6 | 10 | 9 | 5 | 7 | 76 |
| 21 | Glanders ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 22 | Anthrax (Splenic fever) ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| 23 | Rabies... ... ... ... | ... | ... | 1 | 3 | 2 | 1 | 1 | ... | ... | 3 | ... | 2 | 13 |
| 24 | Tetanus ... ... ... | 4 | 14 | 9 | 11 | 10 | 6 | 7 | 5 | 8 | 5 | 6 | 13 | 98 |
| 25 (A-B) | Actinomycosis and other Mycosis ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 26 | Pellagra ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 27 | Beri-beri ... ... ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 2 | ... | ... | 4 |
| 28 (A) | Pulmonary tuberculosis (not acute) ... ... ... | 64 | 37 | 29 | 56 | 47 | 46 | 57 | 58 | 47 | 57 | 48 | 36 | 582 |
| 28 (B) | Phthisis (not defined as tuberculous) ... ... | 69 | 55 | 82 | 49 | 50 | 49 | 67 | 69 | 59 | 61 | 60 | 69 | 739 |
| 29 A | Acute phthisis ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 29 B | Acute miliary tuberculosis. | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 | 1 | ... | ... | 4 |
| 30 | Tuberculous meningitis ... | 1 | 2 | ... | 1 | ... | 2 | ... | ... | ... | 1 | ... | 2 | 9 |
| 31 (A-B) | Tuberculosis of peritoneum and intestines ... ... | 5 | 4 | 8 | 5 | 5 | 9 | 4 | 10 | 8 | 5 | 5 | 10 | 78 |
| 32 | Tuberculosis of spinal column ... ... ... | 2 | 1 | ... | 3 | 2 | ... | 1 | 1 | 2 | 2 | 1 | 1 | 16 |
| 33 | Tuberculosis of joints ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | 1 | 1 | ... | 4 |
| 34 (A-B-C) | Tuberculosis of other organs. | 3 | 5 | 2 | 3 | 2 | 4 | 5 | 1 | 4 | 5 | 3 | 2 | 39 |
| 35 | Disseminated tuberculosis.. | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 2 |
| 36 (A-B) | Rickets, Softening of bones | 106 | 73 | 74 | 77 | 65 | 70 | 77 | 66 | 75 | 85 | 57 | 76 | 901 |
| 37 | Syphilis ... ... ... | 4 | 5 | 6 | 2 | 1 | 3 | 5 | 8 | 3 | 4 | 3 | 3 | 47 |
| 38 (A-B-C) | Other venereal diseases ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 |
| 39 | Cancer of the buccal cavity. | ... | ... | ... | 1 | 2 | ... | ... | 2 | ... | 1 | ... | 1 | 7 |
| 40 | Cancer of the stomach, liver, etc. ... ... ... ... | 3 | 3 | 3 | ... | 2 | 1 | 1 | 3 | 1 | ... | 2 | 3 | 22 |
| 41 | Cancer of the peritoneum, intestines and rectum ... | ... | 1 | 1 | ... | 1 | 1 | 1 | 1 | ... | 3 | 1 | 1 | 11 |
| 42 | Cancer of the female genital organs ... ... ... | ... | ... | ... | ... | ... | ... | ... | 1 | 3 | 3 | ... | ... | 7 |
| 43 | Cancer of the breast ... | ... | ... | ... | ... | ... | 1 | 1 | 1 | 2 | 1 | 1 | ... | 7 |
| 44 | Cancer of the skin ... .. | ... | ... | .. | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 2 |
| 45 | Cancer of other or unspecified organs ... | 2 | 2 | 4 | 2 | 1 | 5 | 2 | 2 | 3 | 4 | 1 | 6 | 34 |
| 46 (A-B-C) | Other tumours (situation undefined) ... ... ... | ... | ... | ... | 1 | ... | ... | 2 | ... | 1 | ... | ... | 1 | 5 |
| 47 | Rheumatic fever ... .. | 4 | 3 | 3 | 1 | 1 | 2 | 2 | 1 | 6 | 3 | 5 | 3 | 34 |
| 48 (A.B) | Chronic rheumatism, Osteoarthritis ... ... ... | 2 | 1 | 1 | ... | ... | 1 | ... | ... | ... | 1 | 2 | 2 | 10 |
| 48 C | Gout ... ... ... ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 3 |
| 49 | Scurvy ... ... ... | 1 | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | 3 |
| 50 | Diabetes ... ... ... | 4 | 5 | 1 | 1 | 2 | 3 | 5 | 8 | 2 | 4 | 2 | ... | 37 |
| 51 | Exophthalmic goitre .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 52 | Addison's disease ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |

22—*continued.*

TABLE of DEATHS by Causes and Months in 1922—*continued.*

| Classification No. | SPECIFIC CAUSES OF DEATH. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 (A-B) | Leucocythæmia, Lymphadenoma ... ... ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 1 |
| 54 | Anæmia, Chlorosis ... ... | 81 | 58 | 43 | 64 | 55 | 81 | 29 | 69 | 67 | 90 | 62 | 66 | 715 |
| 54 A | Kala-Azar ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 55 (A to D) | Other general diseases ... | 1 | 1 | ... | 1 | ... | ... | ... | 3 | 1 | ... | 2 | ... | 9 |
| 56 | Alcoholism (acute or chronic) ... ... ... | 1 | ... | ... | 1 | 2 | 1 | ... | ... | 1 | ... | ... | 1 | 7 |
| 57 (A-B) | Chronic lead poisoning ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | ... | ... |
| 58 | Other chronic occupational poisonings ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 59 | Other chronic poisonings ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | II.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE. | | | | | | | | | | | | | |
| 60 | Encephalitis ... ... ... | ... | 2 | ... | 1 | ... | 1 | 1 | 3 | ... | 1 | ... | ... | 9 |
| 61 A | Cerebro-spinal fever ... | 10 | 15 | 9 | 10 | 2 | 3 | 6 | 4 | 8 | 8 | 7 | 8 | 90 |
| 61 (B-C) | Meningitis, other forms or undefined ... ... ... | 10 | 3 | 7 | 5 | 7 | 2 | 5 | 10 | 6 | 5 | 8 | 3 | 71 |
| 62 | Locomotor ataxy ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 63 (A-B) | Other diseases of the spinal cord... ... ... ... | 1 | ... | ... | ... | ... | 3 | 1 | ... | 2 | 4 | 2 | 2 | 15 |
| 64 (A to E) | Cerebral hæmorrhage, Apoplexy ... ... .. | 5 | 5 | 8 | 2 | 3 | 4 | 1 | 4 | 6 | 1 | 2 | 5 | 46 |
| 65 | Softening of brain... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 66 (A to C) | Paralysis without specified cause ... ... ... | 16 | 10 | 11 | 9 | 11 | 11 | 13 | 12 | 20 | 16 | 18 | 15 | 162 |
| 67 | General paralysis of the insane ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 |
| 68 | Other forms of mental alienation ... ... ... | ... | ... | ... | . | ... | 2 | ... | ... | 1 | 1 | ... | ... | 4 |
| 69 | Epilepsy ... ... ... | 2 | 2 | 3 | 2 | ... | 2 | 2 | 1 | 3 | 7 | 1 | 3 | 28 |
| 70 (A-B) | Convulsions (non-puerperal; 5 years and over) ... | 1 | 1 | 2 | 2 | 2 | 1 | 4 | 1 | 3 | 3 | 3 | ... | 23 |
| 71 (A-B) | Infantile convulsions (under 5 years)... ... | 143 | 110 | 97 | 124 | 99 | 105 | 146 | 111 | 105 | 109 | 116 | 111 | 1,376 |
| 72 | Chorea ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 73 (A-B) | Hysteria, Neuralgia, Neuritis ... ... ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | 4 |
| 74 (A to D) | Other diseases of the nervous system ... ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | 1 | ... | 1 | 4 |
| 75 | Diseases of the eyes and annexa ... ... ... | 1 | ... | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 3 |
| 76 A | Mastoid disease ... ... | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 3 |
| 76 B | Other diseases of the ears ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 |
| | III.—DISEASES OF THE CIRCULATORY SYSTEM. | | | | | | | | | | | | | |
| 77 | Pericarditis ... ... ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... | 4 | 4 |
| 78 (A-B-C) | Acute endocarditis ... ... | 1 | 1 | 2 | ... | 1 | ... | 1 | ... | 3 | 1 | ... | 1 | 11 |
| 79 A | Valvular disease ... ... | 9 | 1 | 5 | 5 | 3 | 7 | 4 | 6 | 7 | 2 | 4 | 3 | 56 |
| 79 B | Fatty degeneration of the heart ... ... ... | 1 | 1 | 3 | ... | ... | ... | 2 | .. | ... | 2 | ... | 2 | 11 |
| 79 C | Other organic disease of the heart ... ... ... | 7 | 9 | 9 | 3 | 5 | 3 | 9 | 2 | 5 | 12 | 3 | 4 | 71 |
| 80 | Angina pectoris ... .. | 3 | 2 | 3 | ... | 3 | ... | 1 | ... | 4 | 1 | .. | 1 | 18 |
| 81 A | Aneurysm ... ... ... | ... | 3 | 1 | 1 | 1 | 1 | 2 | 1 | ... | ... | ... | ... | 10 |
| 81 B | Arterial sclerosis ... ... | 1 | ... | 1 | 1 | ... | ... | ... | 1 | 1 | ... | ... | ... | 5 |
| 81 C | Other diseases of arteries... | ... | ... | 2 | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | 4 |
| 82 A | Cerebral embolism and thrombosis ... ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | 2 | ... | 4 |
| 82 B | Other embolism and thrombosis ... ... ... | 1 | 2 | ... | 1 | ... | ... | ... | ... | 3 | 4 | ... | ... | 11 |
| 83 (A to D) | Diseases of the veins (Varices, Hæmorrhoids, Phlebitis, etc.) ... ... | 4 | ... | ... | 2 | ... | 1 | 1 | ... | 1 | 3 | 4 | 1 | 17 |
| 84 A | Status lymphaticus... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 |
| 84 B | Other diseases of the lymphatic system... ... | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | 2 | ... | 1 | 5 |
| 85 (A-B C) | Hæmorrhage ; other diseases of the circulatory system. | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 |

## 22—*continued.*

## TABLE of DEATHS by Causes and Months in 1922—*continued.*

| Classification No. | SPECIFIC CAUSES OF DEATH. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IV.—DISEASES OF THE RESPIRATORY SYSTEM. | | | | | | | | | | | | | |
| 86 | Diseases of the nasal fossæ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 87 (A-B-C) | Diseases of the larynx ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 3 | ... | 5 |
| 88 | Diseases of the thyroid body ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 89 & 90 (A-B) | Bronchitis ... ... ... | 276 | 288 | 234 | 217 | 236 | 197 | 233 | 205 | 202 | 252 | 223 | 270 | 2,833 |
| 91 | Broncho-pneumonia... ... | 384 | 350 | 315 | 333 | 339 | 314 | 350 | 282 | 220 | 290 | 262 | 269 | 3,708 |
| 92 A | Lobar pneumonia ... ... | 22 | 24 | 28 | 24 | 16 | 9 | 17 | 11 | 21 | 17 | 25 | 13 | 227 |
| 92 B | Pneumonia (type not stated) ... ... ... | 481 | 516 | 528 | 620 | 457 | 298 | 366 | 362 | 332 | 397 | 389 | 437 | 5,183 |
| 93 (A-B) | Pleurisy ... ... ... | 6 | 1 | 2 | 2 | 1 | 4 | ... | 2 | 2 | 4 | 4 | 5 | 33 |
| 94 (A to D) | Pulmonary congestion, Pulmonary apoplexy... ... | 1 | ... | 2 | ... | 1 | ... | ... | 1 | ... | 1 | 1 | ... | 7 |
| 95 | Gangrene of the lung ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 2 |
| 96 | Asthma ... ... ... | 178 | 140 | 161 | 152 | 132 | 90 | 98 | 110 | 100 | 127 | 143 | 171 | 1,602 |
| 97 | Pulmonary emphysema ... | 2 | 1 | 1 | 2 | 1 | ... | ... | ... | ... | 2 | 2 | ... | 11 |
| 98 A | Fibroid disease of lung ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 98 B | Other diseases of the respiratory System ... ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | 1 | 3 |
| | V.—DISEASES OF THE DIGESTIVE SYSTEM. | | | | | | | | | | | | | |
| 99 A | Diseases of the teeth and gums ... ... ... | 1 | ... | ... | ... | ... | .. | ... | 1 | ... | 1 | ... | 1 | 4 |
| 99 (B-C-D) | Other diseases of the mouth and annexa ... .. | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | 2 |
| 100 (A-B-C) | Diseases of the pharynx, Tonsillitis ... ... ... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | 3 |
| 101 | Diseases of œsophagus ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 |
| 102 | Perforating ulcer of stomach ... ... ... | ... | ... | ... | ... | ... | ... | ... | 3 | ... | 2 | ... | ... | 5 |
| 103 A | Inflammation of stomach... | ... | 3 | 2 | ... | ... | 1 | 1 | ... | 1 | ... | ... | 1 | 9 |
| 103 B | Other diseases of the stomach ... ... ... | 2 | 1 | ... | ... | 2 | ... | 2 | 5 | 1 | ... | 1 | 4 | 18 |
| 104 & 105 (A to H) | Diarrhœa and enteritis ... | 269 | 252 | 216 | 184 | 179 | 198 | 236 | 242 | 222 | 184 | 161 | 245 | 2,588 |
| 106 | Ankylostomiasis ... ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 4 |
| 107 | Other intestinal parasites. | 1 | 1 | ... | 3 | 1 | ... | 2 | ... | ... | 3 | 1 | ... | 12 |
| 108 | Appendicitis... ... ... | 4 | 4 | ... | 5 | 2 | 3 | 1 | 4 | 5 | 6 | 2 | 2 | 38 |
| 109 A | Hernia ... ... ... | ... | ... | 1 | ... | 1 | 1 | 1 | 2 | ... | ... | 3 | 1 | 10 |
| 109 B | Intestinal obstruction ... | 4 | 3 | 1 | 2 | 3 | 1 | 3 | 5 | ... | 5 | ... | 4 | 31 |
| 110 A | Sprue or Psilosis ... ... | 27 | 16 | 30 | 22 | 26 | 26 | 23 | 29 | 25 | 30 | 26 | 18 | 298 |
| 110 | Other diseases of the intestines ... ... ... | 2 | ... | 3 | 1 | ... | ... | 1 | 1 | 2 | ... | 2 | ... | 12 |
| 111 | Acute yellow atrophy of liver ... ... ... | ... | 1 | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 3 |
| 112 | Hydatid of liver ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 113 (A-B-C) | Cirrhosis of the liver ... | 7 | 3 | 6 | 10 | 6 | 3 | 3 | 5 | 8 | 11 | 6 | 9 | 77 |
| 114 | Biliarya calculi ... ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 |
| 115 A | Abscess of liver ... ... | 5 | 4 | 6 | 5 | 3 | 5 | 2 | 1 | 1 | 5 | 5 | 3 | 45 |
| 115 | Other diseases of the liver.. | 12 | 20 | 7 | 20 | 12 | 10 | 14 | 17 | 2 | 14 | 18 | 12 | 158 |
| 116 (A-B) | Diseases of the spleen ... | ... | ... | 3 | 2 | ... | ... | ... | 1 | ... | 1 | 1 | 1 | 9 |
| 117 | Peritonitis (cause unstated). | 2 | 1 | 2 | 1 | ... | 2 | 3 | 1 | ... | 1 | 6 | 1 | 20 |
| 118 (A-B) | Other diseases of the digestive system ... ... | ... | ... | ... | ... | ... | 1 | ... | ... | .. | ... | ... | ... | 1 |

## 22.—*continued.*

## TABLE of DEATHS by Causes and Months in 1922—*continued.*

| Classification No. | SPECIFIC CAUSES OF DEATH. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | VI.—NON-VENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA. | | | | | | | | | | | | | |
| 119 | Acute nephritis ... ... | 2 | 2 | 1 | ... | 1 | ... | 1 | 1 | 3 | ... | 3 | 1 | 15 |
| 120 (A-B) | Bright's disease ... ... | 24 | 13 | 15 | 23 | 9 | 11 | 9 | 15 | 20 | 24 | 15 | 19 | 197 |
| 121 | Chyluria ... ... ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| 122 (A to D) | Other diseases of the kidney and annexa ... ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 3 | 2 | 1 | ... | 8 |
| 123 | Calculi of the urinary passages ... ... ... | ... | 1 | ... | 1 | ... | ... | ... | ... | 2 | 1 | ... | ... | 5 |
| 124 | Diseases of the bladder ... | ... | ... | 1 | 2 | ... | ... | 1 | 3 | 1 | ... | ... | 1 | 9 |
| 125 (A-B) | Diseases of the urethra, Urinary abscess, etc. ... | 2 | 3 | ... | 2 | ... | ... | ... | 3 | 1 | 1 | ... | ... | 12 |
| 126 | Diseases of the prostate ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 2 |
| 127 | Non-venereal diseases of male genital organs ... | 1 | ... | 1 | ... | 1 | ... | 2 | 1 | ... | ... | ... | ... | 6 |
| 128 (A-B) | Uterine hæmorrhage (non-puerperal) ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 129 | Uterine tumour (non-cancerous) ... ... ... | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 2 |
| 130 (A-B) | Other diseases of the uterus. | ... | 2 | ... | ... | ... | ... | ... | 1 | 1 | 1 | 1 | ... | 6 |
| 131 | Ovarian cyst, tumour (non-cancerous) ... ... ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | 3 |
| 132 (A-B) | Other diseases of the female genital organs ... ... | 1 | ... | ... | 1 | 1 | ... | ... | 1 | ... | 2 | 1 | 1 | 8 |
| 133 | Non-puerperal diseases of the breast (non-cancerous) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | VII.—THE PUERPERAL STATE. | | | | | | | | | | | | | |
| 134 (A to E) | Accidents of pregnancy ... | ... | 1 | 1 | 1 | ... | 1 | 2 | 1 | 2 | 4 | 3 | ... | 16 |
| 135 | Puerperal hæmorrhage ... | 3 | 1 | 1 | 1 | 1 | ... | 2 | 1 | 3 | 3 | 2 | 1 | 19 |
| 136 | Other accidents of child-birth ... ... ... | 4 | ... | 1 | 2 | 1 | 1 | 2 | ... | 1 | 6 | 10 | 3 | 31 |
| 137 | Puerperal fever ... ... | 17 | 21 | 15 | 16 | 12 | 16 | 14 | 12 | 9 | 27 | 22 | 19 | 200 |
| 138 (A-B-C) | Puerperal albuminuria and convulsions ... ... | 3 | ... | ... | 1 | ... | ... | 4 | 1 | 1 | 1 | 2 | 4 | 17 |
| 139 (A-B) | Puerperal phlegmasia alba dolens, embolism, and sudden death ... ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 |
| 140 | Puerperal insanity ... ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| 141 | Puerperal diseases of the breast ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | VIII.—DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE. | | | | | | | | | | | | | |
| 142 A | Senile gangrene ... ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| 142 (B-C-D) | Gangrene, other types ... | 4 | 3 | 1 | 3 | 2 | ... | 2 | ... | 4 | 2 | 4 | 4 | 29 |
| 143 | Carbuncle, Boil .... .. | ... | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 3 |
| 144 (A-B) | Phlegmon, Acute abscess ... | 1 | 2 | 4 | 1 | 4 | 1 | 1 | 2 | 2 | 1 | 2 | 3 | 24 |
| 145 (A to D) | Diseases of the integumentary system ... ... | 4 | 1 | ... | 1 | 3 | 4 | 1 | 1 | 2 | 2 | 2 | 2 | 23 |

## 22—*continued.*

## TABLE of DEATHS by Causes and Months in 1922—*continued.*

| Classification No. | SPECIFIC CAUSES OF DEATH. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | IX.—DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION. | | | | | | | | | | | | | |
| 146 | Diseases of the bones ... | 1 | ... | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ... | 1 | 10 |
| 147 | Diseases of the joints ... | ... | ... | ... | 1 | ... | ... | ... | 1 | 2 | 1 | ... | 1 | 6 |
| 148 | Amputations... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 149 | Other diseases of locomotor system ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| | X.—MALFORMATIONS. | | | | | | | | | | | | | |
| 150 (A to D) | Congenital malformations ... | ... | 2 | ... | ... | 1 | 1 | 1 | 2 | 2 | 1 | ... | 3 | 13 |
| | XI.—DISEASES OF EARLY INFANCY. | | | | | | | | | | | | | |
| 151 A | Premature birth ... ... | 33 | 29 | 27 | 31 | 16 | 19 | 22 | 43 | 52 | 67 | 60 | 46 | 445 |
| 151 (B to E) | Infantile debility, Icterus, and Sclerema ... ... | 255 | 198 | 202 | 212 | 223 | 225 | 256 | 336 | 334 | 346 | 320 | 319 | 3,226 |
| 152 (A to D) | Other diseases peculiar to early infancy ... ... | 3 | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 3 | 1 | 1 | 4 | 22 |
| 153 | Lack of care ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | 2 |
| | XII.—OLD AGE. | | | | | | | | | | | | | |
| 154 (A-B) | Old age ... ... ... | 256 | 255 | 208 | 200 | 194 | 206 | 209 | 198 | 203 | 271 | 251 | 260 | 2,711 |
| | XIII.—AFFECTIONS PRODUCED BY EXTERNAL CAUSES. | | | | | | | | | | | | | |
| 155 | Suicide by poison ... ... | 5 | 1 | ... | 2 | 6 | ... | 2 | 3 | 3 | ... | 2 | 2 | 26 |
| 156 | Suicide by asphyxia ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 157 | Suicide by hanging or strangulation ... ... | 1 | 1 | ... | 1 | ... | ... | 2 | 2 | ... | ... | ... | 1 | 8 |
| 158 | Suicide by drowning ... | ... | 1 | ... | 2 | 5 | 2 | ... | 1 | 2 | 1 | 2 | 1 | 17 |
| 159 | Suicide by firearms ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 2 |
| 160 | Suicide by cutting or piercing instruments... ... | 1 | ... | ... | 1 | 1 | 1 | ... | ... | ... | ... | ... | ... | 4 |
| 161 | Suicide by jumping from high place... ... ... | 1 | 1 | ... | ... | 1 | ... | ... | 1 | ... | 1 | 2 | ... | 7 |
| 162 | Suicide by crushing ... | 1 | ... | ... | 1 | 1 | ... | ... | ... | 3 | ... | ... | ... | 6 |
| 163 | Other suicides ... ... | 2 | 1 | 2 | ... | ... | 1 | ... | ... | ... | ... | 2 | ... | 8 |
| 164 | Poisoning by food ... ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 2 |
| 165 | Other acute poisonings ... | ... | 1 | 3 | 1 | 1 | ... | 1 | ... | 1 | 3 | ... | ... | 11 |
| 166 | Conflagration ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 167 | Burns (conflagration excepted) ... ... ... | 10 | 11 | 6 | 3 | 4 | 2 | 6 | 5 | 6 | 5 | 6 | 14 | 78 |

## 22—*concluded.*

## TABLE of DEATHS by Causes and Months in 1922—*concluded.*

| Classification No. | SPECIFIC CAUSES OF DEATH. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 168 | Absorption of deleterious gases (conflagration excepted) ... ... ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| 169 | Accidental drowning ... | 10 | 6 | 6 | 9 | 6 | 6 | 14 | 7 | 2 | 2 | 6 | 4 | 78 |
| 170 | Injury by firearms ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 |
| 171 | Injury by cutting or piercing instruments... ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | 3 |
| 172 | Injury by fall ... ... | 11 | 6 | 6 | 9 | 9 | 10 | 2 | 5 | 8 | 9 | 6 | 11 | 92 |
| 173 | Injury in mines and quarries ... ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 174 | Injury by machines ... | 2 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | ... | 5 |
| 175 | Injury by other crushing (vehicles, railways, landslides, trees, etc.) ... | 22 | 22 | 20 | 19 | 10 | 15 | 21 | 25 | 13 | 17 | 23 | 18 | 225 |
| 176 | Injury by animals ... ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 2 |
| 177 | Starvation ... ... ... | 29 | 13 | 11 | 7 | 16 | 1 | 8 | 15 | 13 | 13 | 8 | 19 | 153 |
| 178 | Excessive cold ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 179 | Effects of heat ... ... | ... | ... | ... | 1 | 1 | 3 | ... | ... | ... | 1 | ... | ... | 6 |
| 180 | Lightning ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 181 | Electricity (lightning excepted) ... ... ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | 2 | ... | 4 |
| 182 | Homicide by firearms ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 2 |
| 183 | Homicide by cutting or piercing instruments ... | 2 | ... | 4 | 1 | 3 | ... | 1 | ... | 3 | ... | ... | ... | 14 |
| 184 | Homicide by other means... | 3 | 1 | 2 | 3 | 4 | 3 | ... | ... | 1 | 2 | 1 | 3 | 23 |
| 185 | Fractures (cause not specified) ... ... ... | 2 | 6 | 6 | 4 | 1 | 3 | 6 | 2 | ... | 2 | 3 | 1 | 36 |
| 186 | Other violence ... ... | 1 | 10 | 6 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 34 |
| | XIV.—ILL-DEFINED CAUSES. | | | | | | | | | | | | | |
| 187 | Dropsy ... ... ... | 5 | 7 | 6 | 6 | 2 | 10 | 4 | 3 | 3 | 5 | 7 | 5 | 63 |
| 188 A | Syncope (aged 1 year and under 70) ... ... ... | ... | 1 | 1 | 1 | 1 | ... | ... | 1 | 1 | 1 | 1 | 1 | 9 |
| 188 B | Sudden death (not otherwise defined) ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 1 |
| 189 A | Heart failure (aged 1 year and under 70) ... ... | 8 | 10 | 4 | 8 | 10 | 8 | 5 | 10 | 4 | 10 | 7 | 5 | 89 |
| 189(B to E) | Other ill-defined causes ... | 36 | 43 | 47 | 50 | 47 | 38 | 42 | 42 | 48 | 33 | 27 | 30 | 483 |
| 189 F | Cause not specified ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 |

## 23

### TABLE of DEATHS among Infants by Causes and Months in 1922.

| Cause of Death. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Enteric Fever ... ... .. | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 1 |
| 2. Small-pox ... ... ... ... | 1 | ... | 1 | ... | 1 | 1 | 1 | ... | ... | 2 | ... | 1 | 8 |
| 3. Measles ... ... ... ... | .. | ... | 1 | 1 | 1 | 1 | ... | ... | ... | ... | ... | 2 | 6 |
| 4. Scarlet Fever ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 5. Whooping Cough ... ... ... | 1 | ... | ... | 1 | ... | 1 | ... | ... | 1 | ... | ... | 2 | 6 |
| 6. Diphtheria and Croup ... ... | ... | ... | ... | .. | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 7. Influenza ... ... ... ... | ... | 3 | 5 | ... | 6 | 8 | 4 | 5 | 3 | ... | 1 | 2 | 32 |
| 9. Phthisis (Pulmonary tuberculosis) | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| 11. Other Tubercular Diseases ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 |
| 12. Cancer, Malignant Disease ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 13. Rheumatic Fever ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 |
| 14. Meningitis ... ... ... | ... | ... | ... | ... |  | ... | ... | ... | 1 | ... | ... | ... | 1 |
| 15. Organic Heart Disease ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... |
| 16. Bronchitis ... ... ... ... | 69 | 77 | 39 | 41 | 52 | 63 | 72 | 44 | 42 | 58 | 53 | 49 | 659 |
| 17. Pneumonia (all forms) ... ... | 134 | 109 | 113 | 118 | 158 | 154 | 173 | 123 | 84 | 120 | 95 | 114 | 1,494 |
| 18. Other Diseases of the Respiratory Organs ... ... ... ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | .. | ... | ... | 1 |
| 19. Diarrhœa and Enteritis ... ... | 64 | 59 | 58 | 51 | 29 | 63 | 79 | 65 | 40 | 38 | 43 | 68 | 657 |
| 20. Appendicitis and Typhlitis ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 21. Cirrhosis of Liver ... ... | ... | ... | ... | 1 | ... | ... | ... | ... | 2 | 1 | 1 | 1 | 6 |
| 22. Nephritis and Bright's Disease... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | ... | 1 | 1 | 4 |
| 23. Puerperal Fever .. ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 24. Other accidents and diseases of pregnancy and parturition ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 25. Congenital debility and malformation including premature birth ... ... ... ... | 288 | 229 | 229 | 243 | 210 | 245 | 279 | 381 | 387 | 414 | 379 | 367 | 3,681 |
| 26. Violent deaths, excluding suicide | 2 | 1 | 3 | 1 | 2 | 1 | ... | 1 | 2 | 2 | ... | 1 | 16 |
| 27. Suicide ... ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 28. A. Plague ... ... ... .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| *Convulsions ... ... ... | 101 | 83 | 74 | 95 | 83 | 82 | 109 | 98 | 83 | 91 | 91 | 96 | 1,086 |
| C. Malaria ... ... ... | ... | ... | 2 | ... | 3 | 2 | ... | 1 | 4 | 6 | 5 | 1 | 24 |
| C.c. Ague and Remittent fever. | 5 | 11 | 8 | 8 | 6 | 7 | 8 | 8 | 12 | 3 | 2 | 3 | 81 |
| D. Relapsing fever ... ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| E. Fever not defined .. ... | 1 | 2 | 2 | 2 | 5 | 4 | 2 | 4 | 3 | 8 | 7 | 1 | 41 |
| F. Cholera ... ... .. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| G. Dysentery ... ... ... | 1 | ... | 4 | 1 | 2 | 2 | 5 | 8 | 2 | 3 | 2 | 3 | 33 |
| H. Leprosy ... .. ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| K. Other defined diseases ... | 36 | 26 | 28 | 22 | 29 | 27 | 33 | 32 | 31 | 30 | 22 | 24 | 340 |
| 29. Diseases ill-defined or unknown. | 4 | 5 | 2 | 5 | 10 | 1 | 8 | 3 | 6 | 2 | 5 | 4 | 55 |
| Total ... | 707 | 606 | 570 | 592 | 628 | 658 | 772 | 773 | 704 | 778 | 708 | 740 | 8,236 |

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* NOTE :—No deaths were due to Kala Azar during the year and this column in Tables 23 and 27 is utilized for showing separately deaths from "Convulsions" which otherwise are included for the rest of the Tables in column 28 K.

## 24

## TABLE of DEATHS by

| Cause of Death. | Jain. | | Brahmin. | | Lingait. | | Bhatia. | | Bania. | | Hindu of other Caste. | | Hindu, Low Caste. | | Mussulman. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Male. | Female | Male. | Female | Male. | Female | Male | Female | Male. | Female | Male. | Female | Male. | Female | Male. | Female |
| 1. Enteric Fever ... ... ... | 2 | ... | 2 | 1 | ... | ... | 1 | 1 | ... | ... | 23 | 13 | 1 | ... | 15 | 6 |
| 2. Small-pox ... ... ... ... | ... | ... | 2 | 4 | ... | ... | ... | 1 | ... | 1 | 26 | 8 | 3 | 4 | 5 | ... |
| 3. Measles ... ... ... .. | ... | ... | 3 | 2 | ... | ... | ... | ... | ... | ... | 3 | 6 | 3 | 2 | 1 | ... |
| 4. Scarlet Fever ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 5. Whooping Cough ... ... | ... | ... | 2 | ... | ... | ... | ... | ... | 1 | ... | 1 | 1 | ... | ... | 1 | ... |
| 6. Diphtheria and Croup ... ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| 7. Influenza ... ... ... ... | 12 | 2 | 14 | ... | 2 | ... | ... | ... | 5 | ... | 162 | 71 | 17 | 8 | 105 | 32 |
| 9. Phthisis (Pulmonary Tuberculosis). | 9 | 14 | 13 | 33 | ... | 5 | 3 | 8 | 6 | 12 | 337 | 280 | 37 | 43 | 180 | 168 |
| 11. Other Tubercular Diseases ... | ... | 2 | 1 | 7 | ... | ... | 1 | 2 | 1 | 3 | 31 | 29 | ... | 1 | 16 | 21 |
| 12. Cancer, Malignant Diseases ... | 1 | 1 | 1 | ... | 1 | ... | 1 | ... | 2 | 1 | 12 | 9 | ... | 1 | 11 | 4 |
| 13. Rheumatic Fever... ... ... | ... | ... | 1 | 1 | ... | ... | ... | ... | 1 | ... | 6 | 6 | 1 | 2 | 9 | 3 |
| 14. Meningitis ... ... ... | 1 | 3 | 11 | 4 | ... | ... | ... | 2 | ... | 1 | 55 | 9 | 2 | 1 | 30 | 1 |
| 15. Organic Heart Disease ... ... | 1 | 1 | 2 | 1 | ... | ... | 3 | 1 | 1 | 1 | 88 | 5 | 2 | 1 | 16 | 6 |
| 16. Bronchitis ... ... ... | 42 | 20 | 53 | 46 | 19 | 17 | 4 | 6 | 18 | 24 | 650 | 651 | 275 | 257 | 315 | 335 |
| 17. Pneumonia (all forms) ... ... | 173 | 85 | 284 | 132 | 49 | 27 | 28 | 16 | 120 | 61 | 2,824 | 1,505 | 891 | 723 | 1,047 | 568 |
| 18. Other Diseases of the Respiratory Organs. | 16 | 6 | 26 | 18 | 6 | 8 | 3 | 2 | 12 | 9 | 421 | 326 | 116 | 126 | 310 | 204 |
| 19. Diarrhœa & Enteritis ... ... | 21 | 16 | 46 | 31 | 5 | 9 | 8 | 2 | 17 | 18 | 512 | 449 | 267 | 270 | 312 | 234 |
| 20. Appendicitis and Typhtitis ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 1 | 7 | 3 | 1 | ... | 2 | 1 |
| 21. Cirrhosis of Liver ... ... | 4 | ... | 1 | 3 | ... | ... | ... | ... | 1 | ... | 21 | 9 | 1 | 2 | 15 | 8 |
| 22. Nephritis and Brights Diseases. | 1 | 1 | 1 | 1 | ... | ... | 1 | ... | 1 | ... | 29 | 26 | 6 | 3 | 29 | 21 |
| 23. Puerperal Fever ... ... ... | ... | 8 | ... | 13 | ... | ... | ... | 2 | ... | 9 | ... | 88 | ... | 20 | ... | 54 |
| 24. Other Accidents and Diseases of Pregnancy and Parturition. | ... | 6 | ... | 4 | ... | ... | ... | ... | ... | 3 | ... | 36 | ... | 8 | ... | 7 |
| 25. Congenital Debility and Malformation including Premature Birth. | 38 | 20 | 64 | 46 | 17 | 26 | 7 | 10 | 28 | 20 | 930 | 791 | 389 | 349 | 348 | 289 |
| 26. Violent Deaths excluding suicide | 8 | 1 | 17 | 4 | 3 | ... | 2 | 1 | 9 | 4 | 298 | 118 | 49 | 27 | 138 | 24 |
| 27. Suicide ... ... ... ... | 1 | 1 | 7 | 2 | ... | ... | ... | ... | 1 | 1 | 21 | 11 | 3 | ... | 10 | 3 |
| 28 A. Plague ... ... ... ... | 28 | 12 | 26 | 3 | 5 | 1 | 1 | 1 | 9 | 1 | 282 | 87 | 23 | 20 | 59 | 25 |
| B. Kala Azar ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| C. Malaria ... ... ... ... | 4 | 4 | 14 | 2 | ... | ... | 1 | 3 | 6 | 5 | 147 | 68 | 12 | 15 | 68 | 17 |
| CC. Ague and Remittent Fever. | 17 | 19 | 63 | 38 | 27 | 12 | 4 | 9 | 11 | 6 | 806 | 595 | 283 | 253 | 272 | 226 |
| D. Relapsing Fever ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 17 | 1 | 1 | 2 | 30 | 2 |
| E. Fever not defined ... ... | 8 | 2 | 9 | 5 | 1 | 2 | 2 | 1 | 3 | 3 | 102 | 42 | 20 | 12 | 21 | 11 |
| F. Cholera ... ... ... | ... | ... | 2 | 1 | ... | ... | ... | ... | ... | ... | 4 | 1 | 1 | 1 | 1 | 1 |
| G. Dysentery ... ... ... | 12 | 7 | 18 | 16 | 5 | 3 | ... | 3 | 4 | 2 | 290 | 177 | 111 | 98 | 170 | 118 |
| H Leprosy ... ... ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 39 | 15 | 3 | 1 | 11 | ... |
| I. Other defined Diseases ... | 76 | 71 | 168 | 153 | 27 | 42 | 30 | 40 | 72 | 91 | 1,459 | 1,492 | 450 | 526 | 926 | 877 |
| 29. Diseases ill defined or unknown. | 5 | 6 | 12 | 12 | 3 | ... | 3 | 2 | 10 | 7 | 157 | 132 | 40 | 63 | 49 | 45 |
| Still born ... | *16* | *12* | *51* | *39* | *3* | *4* | *8* | *2* | *10* | *12* | *529* | *333* | *182* | *104* | *195* | *123* |
| Total. Male ... | 471 | | 864 | | 170 | | 104 | | 339 | | 9,740 | | 3,008 | | 4,522 | |
| Total. Female ... | | 309 | | 583 | | 152 | | 113 | | 284 | | 7,060 | | 2,839 | | 3,312 |
| GRAND TOTAL ... | 780 | | 1,447 | | 322 | | 217 | | 623 | | 16,800 | | 5,847 | | 7,834 | |

Race or Caste, Sex and Cause in 1922.

| Parsee. | | Jew. | | Indian Christian. | | Anglo-Indian. | | European. | | Negro-African. | | Buddhist. | | Other and unknown Caste. | | All Races. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female | Male. | Female | Male. | Female | Male. | Female | Male. | Female | Male. | Female. | Persons. |
| 20 | 3 | 2 | 2 | 9 | 6 | 5 | 2 | 5 | 2 | ... | ... | ... | 2 | ... | ... | 85 | 38 | 123 |
| 2 | 1 | ... | ... | ... | 3 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 39 | 22 | 61 |
| ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 10 | 12 | 22 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ... | 1 | ... | ... | 1 | 3 | ... | ... | ... | 1 | ... | ... | ... | .. | ... | ... | 6 | 6 | 12 |
| 1 | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 3 | 2 | 5 |
| 33 | 16 | 3 | 4 | 19 | 16 | 1 | ... | 2 | 1 | ... | ... | 3 | ... | ... | ... | 378 | 150 | 528 |
| 19 | 21 | 4 | ... | 65 | 42 | 9 | 1 | 3 | 3 | 2 | ... | 7 | 1 | ... | ... | 694 | 631 | 1,325 |
| 9 | 11 | 1 | ... | 8 | 6 | ... | 1 | ... | 1 | ... | ... | 1 | ... | ... | ... | 64 | 84 | 148 |
| 10 | 16 | ... | 1 | 6 | 2 | 2 | 5 | ... | 3 | ... | ... | ... | ... | ... | ... | 47 | 43 | 90 |
| 3 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 21 | 13 | 34 |
| 11 | 7 | 1 | 2 | 7 | 5 | 2 | 2 | 3 | 1 | ... | ... | ... | ... | ... | ... | 123 | 38 | 161 |
| 21 | 5 | 1 | 1 | 14 | 6 | 1 | 1 | 4 | 2 | ... | ... | 2 | 1 | ... | ... | 106 | 32 | 136 |
| 9 | 17 | 5 | 6 | 36 | 23 | 2 | ... | 1 | 1 | 1 | ... | ... | ... | ... | ... | 1,430 | 1,403 | 2,833 |
| 95 | 85 | 13 | 25 | 178 | 118 | 24 | 9 | 16 | 7 | 2 | 1 | 8 | 2 | 1 | 1 | 5,753 | 3,365 | 9,118 |
| 5 | 5 | 1 | 6 | 11 | 19 | 2 | ... | 4 | ... | ... | ... | ... | 1 | ... | ... | 933 | 730 | 1,663 |
| 68 | 58 | 10 | 9 | 79 | 87 | 7 | 5 | 6 | 8 | ... | 2 | ... | 1 | ... | 1 | 1,388 | 1,200 | 2,588 |
| 3 | 5 | ... | ... | 3 | 2 | 1 | ... | 6 | 1 | ... | ... | ... | ... | ... | ... | 24 | 14 | 38 |
| 3 | 3 | 1 | ... | 3 | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 51 | 26 | 77 |
| 26 | 14 | 3 | 1 | 21 | 12 | 3 | 4 | 4 | 1 | ... | ... | 3 | ... | ... | ... | 128 | 84 | 212 |
| ... | 2 | ... | 1 | ... | 2 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 200 | 200 |
| ... | 9 | ... | 1 | ... | 6 | .. | 2 | ... | 3 | ... | ... | ... | ... | ... | ... | ... | 85 | 85 |
| 31 | 32 | 18 | 9 | 110 | 90 | 4 | 6 | 3 | 3 | ... | ... | 2 | 3 | ... | 1 | 1,989 | 1,695 | 3,684 |
| 13 | 6 | 3 | ... | 25 | 6 | 2 | 1 | 5 | ... | ... | ... | 4 | ... | 3 | 4 | 574 | 196 | 770 |
| 4 | 4 | ... | ... | 4 | 1 | ... | ... | 4 | ... | ... | ... | ... | ... | ... | ... | 55 | 23 | 78 |
| 4 | 3 | 1 | 1 | 24 | 13 | 1 | 2 | ... | ... | ... | ... | .. | ... | ... | ... | 463 | 169 | 632 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 14 | 18 | 5 | 3 | 23 | 15 | 6 | 7 | 15 | 8 | 2 | ... | 2 | 1 | ... | ... | 319 | 166 | 485 |
| 9 | 4 | 3 | 6 | 21 | 13 | 3 | ... | ... | ... | 2 | 1 | ... | ... | ... | ... | 1,521 | 1,182 | 2,703 |
| 1 | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 50 | 6 | 56 |
| 5 | 6 | 1 | ... | 12 | 14 | ... | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | 181 | 98 | 279 |
| ... | ... | ... | ... | 1 | 1 | ... | 1 | ... | ... | ... | .. | ... | ... | ... | ... | 9 | 6 | 15 |
| 14 | 17 | 3 | 4 | 28 | 15 | 2 | 6 | 11 | 4 | ... | ... | 3 | ... | ... | ... | 671 | 470 | 1,141 |
| ... | ... | ... | ... | 6 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 60 | 18 | 78 |
| 204 | 162 | 26 | 29 | 133 | 115 | 20 | 17 | 33 | 18 | ... | 1 | 6 | ... | 4 | 1 | 3,634 | 3,635 | 7,269 |
| 31 | 20 | 3 | ... | 23 | 11 | ... | 1 | 3 | 2 | ... | ... | 1 | ... | 3 | 2 | 343 | 303 | 646 |
| *40* | *28* | *4* | *7* | *52* | *38* | *4* | *3* | *4* | *5* | ... | ... | *1* | *1* | *15* | *13* | *1,132* | *784* | *1,916* |
| 668 | | 109 | | 866 | | 97 | | 130 | | 9 | | 44 | | 11 | | 21,152 | | |
| | 553 | | 112 | | 656 | | 74 | | 71 | | 5 | | 12 | | 10 | | 16,145 | |
| 1,221 | | 221 | | 1,522 | | 171 | | 201 | | 14 | | 56 | | 21 | | 37,297 | | |

## 25

TABLE showing by Race the Rate of Mortality per 1,000 of Population from different Causes of Deaths in 1922.

| Race or Caste. | Small-pox. | Measles. | Plague. | Scarlet Fever. | Kala-Azar. | Enteric. | Malaria. | Ague and Remittent Fever. | Relapsing Fever. | Influenza. | Cholera. | Diarrhœa and Enteritis | Dysentery. | Tuberculous Diseases. | Respiratory Diseases. | Accidents. | All other Causes. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jains | ...... | ...... | 1·64 | ...... | ...... | 0·08 | 0·32 | 1·48 | ...... | 0·57 | ...... | 1·52 | 0·78 | 1·02 | 14·06 | 0·24 | 10·32 | 32·08 |
| Brahmans | 0·08 | 0·06 | 0·38 | ...... | ...... | 0·04 | 0·21 | 1·35 | ...... | 0·18 | 0·04 | 1·03 | 0·45 | 0·72 | 7·47 | 0·40 | 6·90 | 19·36 |
| Lingaites | ...... | ...... | 6·92 | ...... | ...... | ...... | ...... | 45·03 | ...... | 2·30 | ...... | 16·16 | 9·23 | 5·77 | 145·49 | 3·46 | 137·41 | 371·82 |
| Bhatias | 0·10 | ...... | 0·21 | ...... | ...... | 0·21 | 0·43 | 1·41 | ...... | ...... | ...... | 1·09 | 0·32 | 1·52 | 6·43 | 0·32 | 11·56 | 23·66 |
| Banias | 0·01 | ...... | 0·16 | ...... | ...... | ...... | 0·18 | 0·28 | ...... | 0·08 | ...... | 0·58 | 0·10 | 0·36 | 4·08 | 0·25 | 4·30 | 10·43 |
| Hindus of other Caste | 0·05 | 0·01 | 0·64 | ...... | ...... | 0·06 | 0·37 | 2·46 | 0·03 | 0·40 | 0·00 | 1·74 | 0·82 | 1·18 | 11·20 | 0·78 | 9·69 | 29·51 |
| Hindus, Low Caste | 0·04 | 0·03 | 0·29 | ...... | ...... | 0·00 | 0·18 | 3·67 | 0·02 | 0·17 | 0·01 | 3·68 | 1·43 | 0·55 | 16·37 | 0·54 | 13·05 | 40·10 |
| Hindus, All Caste | 0·05 | 0·02 | 0·56 | ...... | ...... | 0·04 | 0·31 | 2·42 | 0·02 | 0·33 | 0·01 | 1·92 | 0·84 | 0·99 | 11·42 | 0·66 | 9·81 | 29·46 |
| Mussalmans | 0·02 | 0·00 | 0·45 | ...... | ...... | 0·11 | 0·46 | 2·70 | 0·17 | 0·73 | 0·01 | 2·95 | 1·55 | 2·08 | 15·01 | 0·94 | 15·09 | 42·34 |
| Parsees | 0·05 | 0·01 | 0·10 | ...... | ...... | 0·43 | 0·61 | 0·24 | 0·01 | 0·93 | ...... | 2·40 | 0·59 | 1·14 | 4·12 | 0·51 | 12·06 | 23·30 |
| Jews | ...... | ...... | 0·26 | ...... | ...... | 0·52 | 1·04 | 1·17 | 0·13 | 0·91 | ...... | 2·47 | 0·91 | 0·65 | 7·30 | 0·39 | 13·04 | 28·82 |
| Indian Christians | 0·06 | 0·02 | 0·74 | ...... | ...... | 0·30 | 0·76 | 0·68 | 0·02 | 0·70 | 0·04 | 3·34 | 0·86 | 2·33 | 7·75 | 0·72 | 12·28 | 30·65 |
| Anglo-Indians | ...... | ...... | 0·62 | ...... | ...... | 1·46 | 2·71 | 0·62 | ...... | 0·20 | 0·20 | 2·50 | 1·67 | 2·29 | 7·72 | 0·62 | 15·03 | 35·69 |
| Europeans | 0·06 | ...... | ...... | ...... | ...... | 0·46 | 1·52 | ...... | ...... | 0·19 | ...... | 0·92 | 0·99 | 0·46 | 1·92 | 0·59 | 6·16 | 13·32 |
| Buddhists | ...... | ...... | ...... | ...... | ...... | 1·12 | 1·68 | ...... | ...... | 1·68 | ...... | 0·56 | 1·68 | 5·06 | 6·18 | 2·24 | 11·24 | 31·49 |
| Other and Unknown Castes | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... | 16·94 | ...... | ...... | 33·89 | 118·64 | 186·44 | 355·93 |
| TOTAL | 0·05 | 0·01 | 0·52 | ...... | ...... | 0·10 | 0·40 | 2·25 | 0·04 | 0·43 | 0·01 | 2·15 | 0·95 | 1·22 | 11·33 | 0·70 | 10·83 | 31·06 |

# 26

## STATEMENT showing the number of DEATHS by Causes in different Hospitals in the City of Bombay for the year 1922.

| Year. Month. Day. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | | | | | | | | | | 29 | | TOTAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1922. | | | | | | | | | | | | | | | | | | | | | | | | | | Other Defined Diseases. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | A | B | C | CC | D | E | F | G | H | K | | | |
| HOSPITALS. | Enteric Fever. | Small-pox. | Measles. | Scarlet Fever. | Whooping Cough. | Diphtheria and Croup. | Influenza. | Phthisis (Pulmonary Tuberculosis). | Other Tubercular Diseases. | Cancer, Malignant Disease. | Rheumatic Fever. | Meningitis. | Organic Heart disease. | Bronchitis. | Pneumonia (all forms). | Other diseases of the Respiratory Organs. | Diarrhœa and Enteritis. | Appendicitis and Typhlitis. | Cirrhosis of Liver. | Nephritis and Bright's Disease. | Puerperal Fever. | Other accidents and Diseases of Pregnancy and Parturition. | Congenital Debility and Malformation including Premature Birth. | Violent Deaths, excluding suicide. | Suicide. | Plague. | Kala Azar. | Malaria. | Ague and Remittent Fever. | Relapsing Fever. | Fever not defined. | Cholera. | Dysentery. | Leprosy. | Other Defined Diseases. | Diseases ill-defined or unknown. | Still-born. | |
| Adams Wylie Memorial Hospital .. | 1 | .. | ... | .. | .. | .. | 1 | 44 | 3 | .. | .. | 2 | 2 | 9 | 50 | 1 | 78 | .. | 1 | 5 | .. | .. | 61 | 1 | .. | .. | .. | 4 | 4 | .. | 12 | .. | 17 | .. | 29 | 5 | .. | 329 |
| Albless Cama Hospital .. .. .. | 3 | .. | .. | .. | . | .. | 1 | 13 | 8 | 4 | .. | 1 | 8 | 7 | 20 | 1 | 40 | .. | .. | 5 | 2 | 15 | 151 | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 4 | .. | 42 | 3 | 95 | 330 |
| Arthur Road Hospital .. .. .. | .. | 18 | 1 | .. | .. | .. | 6 | .. | 1 | .. | .. | 54 | .. | 1 | 2 | 2 | 4 | .. | .. | 1 | .. | 1 | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | 6 | .. | .. | 2 | .. | 1 | 101 |
| Bai Motlabai and Sir D.M.Petit Hospital. | 2 | .. | .. | .. | .. | .. | 4 | 13 | 1 | .. | .. | .. | 1 | 2 | 15 | .. | 16 | 1 | 1 | 1 | 8 | 9 | 61 | 2 | .. | .. | .. | 7 | .. | ... | .. | .. | 7 | .. | 41 | 2 | 137 | 190 |
| Bai Rukshamani Lying-in-Hospital .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 5 | 11 | .. | .. | ... | .. | 1 | .. | .. | .. | ... | .. | .. | 6 | .. | 22 | 25 |
| Dr. Bhajekar's Hospital .. .. .. | 2 | .. | .. | .. | .. | .. | .. | .. | 2 | 1 | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | 2 | 1 | .. | 2 | .. | ... | .. | .. | .. | .. | 1 | .. | . | .. | 16 | .. | 3 | 29 |
| B. D. Petit Parsee General Hospital .. | 4 | .. | .. | . | .. | .. | 13 | 3 | 4 | 2 | 1 | 2 | 4 | 1 | 12 | 1 | 10 | .. | 2 | 1 | .. | 2 | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | 2 | .. | 31 | 2 | 1 | 99 |
| Colaba Station Hospital .. .. .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | 1 | 1 | 2 | 6 |
| Dr. D'Sa's Hospital .. .. .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | 3 | 19 |
| Goculdas Tejpal Hospital .. .. .. | 7 | .. | .. | .. | .. | .. | 1 | 99 | 11 | 2 | .. | 7 | 9 | 28 | 196 | 3 | 135 | .. | 5 | 5 | .. | .. | 3 | 4 | .. | 1 | .. | 29 | .. | 1 | .. | .. | 20 | .. | 55 | 19 | .. | 640 |
| Sir J. J. Hospital .. .. .. .. | 11 | .. | .. | .. | .. | .. | 56 | 211 | 38 | 8 | .. | 14 | 18 | 11 | 330 | 18 | 76 | 5 | 6 | 20 | .. | 2 | 5 | 94 | .. | 1 | .. | 61 | .. | 8 | .. | .. | 121 | .. | 299 | 21 | .. | 1,434 |
| Dr. Kerrawalla's Hospital .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 9 | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | 2 | .. | 17 | 14 |
| Khoja General Hospital .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 |
| Matunga Leper Asylum .. .. .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 71 | .. | .. | .. | 72 |
| Maratha Hospital .. .. .. | .. | .. | .. | . | 1 | .. | 9 | 6 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | 179 | .. | 2 | 2 | 39 | .. | .. | 3 | .. | 6 | .. | 1 | 248 |
| Municipal Maternity Homes .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. | 1 | 57 | .. | .. | .. | .. | . | . | .. | 1 | .. | .. | .. | 10 | 1 | 80 | 72 |
| Dr. Masina's Hospital .. .. .. | 11 | .. | .. | .. | .. | 1 | .. | 5 | 5 | 4 | 1 | 2 | .. | 1 | 16 | .. | 9 | 3 | 1 | 8 | 1 | 2 | 16 | 3 | .. | .. | .. | 12 | .. | .. | .. | .. | 6 | .. | 23 | 1 | 25 | 131 |
| Dr. Parakh's Hospital .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 2 | . | 8 | 11 |
| Parsee Fever Hospital .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | .. |
| Parsee Lying-in Hospital .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | 2 | 12 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 7 | 1 | 15 | 26 |
| Police Hospital .. .. .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | 1 | .. | 20 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 2 | .. | 2 | 27 |
| Dr. Purandare's Hospital .. .. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ... | .. | 2 | .. | 8 | .. | .. | .. | 1 | 1 | 13 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | 5 | .. | 9 | 32 |
| St. Joseph's Foundling Home .. .. | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 8 | 1 | .. | 25 | .. | .. | 1 | .. | .. | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 52 |
| St. George's Hospital .. .. .. | 7 | .. | .. | .. | .. | 1 | .. | 18 | 2 | 3 | .. | 3 | 5 | 3 | 21 | 4 | 4 | 7 | .. | 5 | 1 | 1 | 3 | 2 | 1 | 1 | .. | 26 | .. | .. | .. | .. | 14 | .. | 43 | .. | .. | 175 |
| Other Private Hospitals .. .. .. | 1 | .. | .. | .. | .. | .. | 1 | 10 | 2 | 2 | .. | .. | .. | .. | 5 | .. | 2 | 2 | .. | 1 | .. | ... | 3 | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | 11 | 1 | 9 | 44 |
| Colaba War Hospital .. .. .. | .. | .. | .. | .. | . | .. | .. | 4 | .. | .. | .. | .. | .. | .. | 4 | .. | 1 | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 3 | .. | .. | 1 | .. | .. | .. | 5 | .. | .. | 20 |
| Marine Lines War Hospital .. .. | .. | .. | .. | .. | .. | .. | 1 | 19 | 2 | 1 | .. | .. | 1 | .. | 8 | .. | 2 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | 2 | .. | 8 | 1 | .. | 47 |
| TOTAL .. | 51 | 18 | 2 | .. | 1 | 2 | 93 | 449 | 81 | 28 | 2 | 86 | 51 | 71 | 708 | 32 | 413 | 19 | 16 | 55 | 11 | 42 | 433 | 114 | 1 | 182 | ... | 154 | 7 | 48 | 18 | 6 | 197 | 71 | 655 | 58 | 431 | 4,175 |

## 27

### TABLE of DEATHS by Age, Sex and Cause in 1922.

| AGE. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 9 | | 11 | | 12 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Enteric Fever. | | Small-pox. | | Measles. | | Scarlet Fever. | | Whooping Cough. | | Diphtheria and Croup. | | Influenza. | | Phthisis (Pulmonary Tuberculosis). | | Other Tubercular Diseases. | | Cancer, Malignant Disease. | |
| | Males. | Females. | Males. | Females. | Males. | Females | Males. | Females. | Males. | Females. | Males. | Females | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. |
| Under 1 week ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Over 1 week and under 1 month... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... |
| 1 to 6 months .. ... ... | ... | ... | 2 | 1 | ... | 2 | ... | ... | 2 | 2 | ... | ... | 10 | 7 | 1 | ... | ... | ... | ... | ... |
| 6 to 12 " ... ... ... | 1 | ... | 2 | 3 | 2 | 2 | ... | ... | 1 | 1 | ... | ... | 6 | 8 | ... | ... | 1 | ... | ... | ... |
| 1 to 2 years ... ... ... | ... | ... | 3 | 7 | 1 | 3 | ... | ... | 1 | ... | 1 | ... | 6 | 8 | ... | 2 | 1 | ... | ... | ... |
| 2 to 3 " ... ... ... | ... | ... | 3 | 2 | ... | 1 | ... | ... | 2 | ... | ... | ... | 1 | 3 | 2 | ... | 1 | 1 | ... | ... |
| 3 to 4 " ... ... ... | ... | ... | 1 | 2 | 3 | 1 | ... | ... | ... | 1 | ... | ... | 2 | 2 | ... | 3 | ... | ... | ... | ... |
| 4 to 5 " ... ... ... | 1 | ... | ... | 1 | ... | | ... | ... | ... | ... | ... | ... | 1 | 2 | 2 | 4 | ... | ... | ... | ... |
| 5 to 10 " ... ... ... | 3 | 3 | 2 | 3 | 4 | 1 | ... | ... | ... | 2 | 1 | 1 | 13 | 11 | 4 | 21 | 2 | 6 | ... | ... |
| 10 to 15 " ... ... ... | 4 | 12 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 18 | 18 | 15 | 31 | 4 | 13 | ... | ... |
| 15 to 20 " ... ... ... | 10 | 6 | 8 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 36 | 15 | 43 | 82 | 5 | 10 | ... | 1 |
| 20 to 25 " ... ... ... | 18 | 2 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 42 | 12 | 100 | 105 | 6 | 9 | 4 | ... |
| 25 to 30 " ... ... ... | 12 | 6 | 4 | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | 51 | 11 | 141 | 118 | 10 | 10 | 2 | 1 |
| 30 to 35 " ... ... ... | 8 | 4 | 2 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 53 | 12 | 141 | 105 | 12 | 7 | 5 | 2 |
| 35 to 40 " ... ... ... | 10 | 4 | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 41 | 7 | 107 | 72 | 9 | 5 | 3 | 3 |
| 40 to 45 " ... ... ... | 6 | ... | 2 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 30 | 8 | 62 | 41 | 4 | 15 | 5 | 6 |
| 45 to 50 " ... ... ... | 5 | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 19 | 7 | 39 | 22 | 5 | 3 | 2 | 7 |
| 50 to 55 " ... ... ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 17 | 6 | 16 | 13 | 2 | 2 | 11 | 7 |
| 55 to 60 " ... ... ... | 2 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 12 | 5 | 5 | 5 | ... | 1 | 4 | 4 |
| 60 & over ... ... ... | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 19 | 8 | 16 | 7 | 2 | 2 | 11 | 12 |
| Unspecified Age ... | ... | ... | ... | ... | ... | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ALL AGES. Males ... ... | 85 | ... | 39 | ... | 10 | ... | ... | ... | 6 | ... | 3 | ... | 378 | ... | 694 | ... | 64 | ... | 47 | ... |
| ALL AGES. Females ... ... | ... | 38 | ... | 22 | ... | 12 | ... | ... | ... | 6 | ... | 2 | ... | 150 | ... | 631 | ... | 84 | ... | 43 |
| ALL AGES. Persons ... ... | 123 | | 61 | | 22 | | ... | | 12 | | 5 | | 528 | | 1,325 | | 148 | | 90 | |

## 27—*continued.*

### TABLE of DEATHS by Age, Sex and Cause in 1922—*continued.*

| AGE. | 13 | | 14 | | 15 | | 16 | | 17 | | 18 | | 19 | | 20 | | 21 | | 22 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rheumatic Fever. | | Meningitis. | | Organic Heart Disease. | | Bronchitis. | | Pneumonia (all forms.) | | Other Diseases of the Respiratory Organs. | | Diarrhœa and Enteritis. | | Appendicitis and Typhlitis. | | Cirrhosis of Liver. | | Nephritis and Bright's Disease. | |
| | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females | Males. | Females. | Males. | Females. |
| Under 1 week ... ... ... | ... | ... | ... | ... | ... | ... | ... | 1 | 2 | 3 | ... | ... | 5 | 13 | ... | ... | ... | ... | ... | ... |
| Over 1 week and under 1 month... | ... | ... | ... | ... | ... | ... | 5 | 1 | 14 | 20 | ... | ... | 40 | 41 | ... | ... | ... | ... | ... | 1 |
| 1 to 6 months ... ... ... | ... | ... | 1 | ... | ... | ... | 116 | 115 | 282 | 223 | ... | 1 | 111 | 89 | ... | ... | ... | ... | 2 | 1 |
| 6 to 12 „ ... ... ... | ... | 1 | ... | ... | ... | ... | 205 | 216 | 506 | 444 | ... | ... | 176 | 182 | ... | ... | 4 | 2 | ... | ... |
| 1 to 2 years ... ... ... | ... | ... | 4 | 5 | ... | ... | 203 | 216 | 513 | 545 | 2 | 1 | 199 | 209 | ... | ... | 2 | 5 | ... | 1 |
| 2 to 3 „ ... ... ... | ... | 1 | 2 | ... | ... | ... | 61 | 68 | 175 | 195 | ... | 1 | 65 | 83 | ... | ... | 1 | 1 | 1 | ... |
| 3 to 4 „ ... ... ... | ... | ... | ... | 1 | ... | ... | 36 | 44 | 86 | 108 | 1 | ... | 30 | 41 | ... | ... | ... | 1 | 1 | 2 |
| 4 to 5 „ ... ... ... | ... | ... | 1 | 1 | ... | 1 | 17 | 37 | 77 | 65 | ... | ... | 19 | 33 | ... | ... | 1 | ... | ... | ... |
| 5 to 10 „ ... ... ... | 1 | ... | 10 | 7 | ... | 1 | 39 | 79 | 242 | 237 | 2 | ... | 62 | 78 | 1 | ... | 2 | ... | 1 | 2 |
| 10 to 15 „ ... ... ... | ... | 2 | 5 | 3 | ... | ... | 20 | 33 | 219 | 207 | 2 | 2 | 38 | 40 | 3 | 1 | 3 | ... | 2 | 1 |
| 15 to 20 „ ... ... ... | 1 | ... | 18 | 3 | 2 | 1 | 14 | 32 | 310 | 194 | 2 | 4 | 29 | 25 | ... | 1 | 3 | ... | 2 | 4 |
| 20 to 25 „ ... ... ... | 2 | ... | 16 | 4 | 4 | 4 | 39 | 56 | 495 | 189 | 13 | 10 | 50 | 41 | 1 | 3 | 3 | 2 | 4 | 4 |
| 25 to 30 „ ... ... ... | 1 | 1 | 25 | 6 | 9 | 3 | 72 | 66 | 630 | 208 | 26 | 20 | 73 | 48 | 4 | 3 | 2 | 4 | 1 | 10 |
| 30 to 35 „ ... ... ... | 5 | 3 | 19 | 1 | 9 | 3 | 84 | 71 | 598 | 205 | 39 | 35 | 70 | 56 | 6 | 3 | 4 | 3 | 15 | 12 |
| 35 to 40 „ ... ... ... | ... | ... | 7 | ... | 16 | 4 | 94 | 73 | 501 | 147 | 48 | 28 | 80 | 37 | 3 | ... | 6 | 1 | 12 | 5 |
| 40 to 45 „ ... ... ... | 5 | 2 | 8 | 1 | 10 | 3 | 94 | 72 | 408 | 113 | 81 | 72 | 68 | 31 | 4 | ... | 5 | ... | 17 | 11 |
| 45 to 50 „ ... ... ... | ... | 1 | 3 | 3 | 8 | 1 | 56 | 45 | 213 | 79 | 71 | 44 | 50 | 20 | ... | 2 | 5 | 2 | 17 | 4 |
| 50 to 55 „ ... ... ... | 4 | ... | 2 | ... | 16 | 2 | 111 | 72 | 233 | 77 | 166 | 138 | 69 | 37 | 1 | ... | 5 | ... | 16 | 6 |
| 55 to 60 „ ... ... ... | ... | 1 | ... | ... | 11 | ... | 55 | 17 | 106 | 36 | 99 | 48 | 33 | 13 | ... | ... | 2 | 2 | 10 | 4 |
| 60 and over ... ... ... | 2 | 1 | 2 | 3 | 21 | 9 | 109 | 94 | 143 | 70 | 386 | 331 | 121 | 83 | 1 | 1 | 3 | 3 | 27 | 16 |
| Unspecified Age ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ALL AGES. Males ... ... | 21 | ... | 123 | ... | 106 | ... | 1,430 | ... | 5,753 | ... | 933 | ... | 1,388 | ... | 24 | ... | 51 | ... | 128 | ... |
| ALL AGES. Females ... ... | ... | 13 | ... | 38 | ... | 32 | ... | 1,403 | ... | 3,365 | ... | 730 | ... | 1,200 | ... | 14 | ... | 26 | ... | 84 |
| ALL AGES. Persons ... ... | 34 | | 161 | | 138 | | 2,833 | | 9,118 | | 1,663 | | 2,588 | | 38 | | 77 | | 212 | |

## 27—*continued.*

## TABLE of DEATHS by Age, Sex and Cause in 1922—*continued.*

| AGE. | 23 | | 24 | | 25 | | 26 | | 27 | | 28 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | OTHER DEFINED DISEASES. | | | | | | | | | |
| | | | | | | | | | | | A | | * | | C | | C C | | D | |
| | Puerperal Fever. | | Other Accidents and Diseases of Pregnancy and Parturition. | | Congenital Debility and Malformation including Premature Births. | | Violent Deaths excluding Suicide. | | Suicide. | | Plague. | | Convulsions. | | Malaria. | | Ague and Remittent Fever. | | Relapsing Fever. | |
| | Males. | Females | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females. | Males. | Females | Males. | Females. | Males. | Females. |
| Under 1 week ... ... ... | ... | ... | ... | ... | 986 | 766 | 4 | 4 | ... | ... | ... | ... | 35 | 34 | ... | 1 | ... | ... | ... | ... |
| Over 1 week and under 1 month. | ... | ... | ... | ... | 574 | 522 | 1 | 1 | ... | ... | ... | ... | 62 | 42 | ... | ... | ... | ... | ... | ... |
| 1 to 6 months ... ... | ... | ... | ... | ... | 318 | 296 | 1 | ... | ... | ... | ... | ... | 287 | 228 | 3 | 4 | 10 | 11 | ... | ... |
| 6 to 12 „ ... ... | ... | ... | ... | ... | 109 | 110 | 2 | 3 | ... | ... | ... | ... | 208 | 190 | 9 | 7 | 22 | 38 | 1 | ... |
| 1 to 2 years ... ... ... | ... | ... | ... | ... | 2 | 1 | 2 | 5 | ... | ... | 1 | ... | 110 | 114 | 3 | 6 | 36 | 41 | ... | ... |
| 2 to 3 „ ... ... ... | ... | ... | ... | ... | ... | ... | 5 | 3 | ... | ... | 2 | ... | 20 | 19 | 2 | 3 | 26 | 32 | ... | ... |
| 3 to 4 „ ... ... ... | ... | ... | ... | ... | ... | ... | 4 | 3 | ... | ... | ... | 1 | 12 | 9 | 2 | 3 | 16 | 15 | ... | ... |
| 4 to 5 „ ... ... ... | ... | ... | ... | ... | ... | ... | 2 | 5 | ... | ... | 3 | 1 | 2 | 4 | 2 | 2 | 21 | 16 | ... | ... |
| 5 to 10 „ ... ... ... | ... | ... | ... | ... | ... | ... | 23 | 21 | ... | ... | 21 | 15 | 8 | 11 | 9 | 10 | 83 | 102 | ... | ... |
| 10 to 15 „ ... ... ... | ... | ... | ... | ... | ... | ... | 37 | 7 | ... | 1 | 46 | 31 | 1 | 1 | 9 | 11 | 92 | 112 | 4 | 1 |
| 15 to 20 „ ... ... ... | ... | 27 | ... | 11 | ... | ... | 44 | 9 | 2 | 5 | 74 | 25 | ... | ... | 18 | 13 | 101 | 94 | 5 | ... |
| 20 to 25 „ ... ... ... | ... | 47 | ... | 23 | ... | ... | 52 | 12 | 3 | 3 | 76 | 15 | 1 | ... | 38 | 19 | 174 | 145 | 5 | 1 |
| 25 to 30 „ ... ... ... | ... | 43 | ... | 17 | ... | ... | 77 | 19 | 11 | 6 | 67 | 27 | ... | ... | 41 | 14 | 241 | 165 | 12 | 1 |
| 30 to 35 „ ... ... ... | ... | 50 | ... | 18 | ... | ... | 81 | 21 | 13 | 3 | 62 | 19 | ... | ... | 35 | 9 | 214 | 143 | 8 | ... |
| 35 to 40 „ ... ... ... | ... | 20 | ... | 12 | ... | ... | 60 | 14 | 14 | 1 | 42 | 17 | 1 | ... | 35 | 16 | 146 | 85 | 7 | ... |
| 40 to 45 „ ... ... ... | ... | 9 | ... | 4 | ... | ... | 51 | 15 | 4 | 2 | 31 | 8 | ... | ... | 33 | 10 | 131 | 68 | 3 | ... |
| 45 to 50 „ ... ... ... | ... | 3 | ... | ... | ... | ... | 40 | 12 | 4 | 1 | 14 | 3 | ... | ... | 26 | 6 | 72 | 42 | 3 | ... |
| 50 to 55 „ ... ... ... | ... | ... | ... | ... | ... | ... | 31 | 11 | 3 | ... | 13 | 2 | ... | ... | 18 | 8 | 70 | 33 | 1 | 2 |
| 55 to 60 „ ... ... ... | ... | ... | ... | ... | ... | ... | 11 | 10 | ... | ... | 6 | 3 | ... | ... | 7 | 6 | 37 | 14 | 1 | 1 |
| 60 & over ... ... ... | ... | 1 | ... | ... | ... | ... | 44 | 21 | 1 | 1 | 5 | 2 | ... | ... | 29 | 18 | 29 | 26 | ... | ... |
| Unspecified Age.. | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ALL AGES. Males ... | ... | ... | ... | ... | 1,989 | ... | 574 | ... | 55 | ... | 463 | ... | 747 | ... | 319 | ... | 1,521 | ... | 50 | ... |
| ALL AGES. Females ... | ... | 200 | ... | 85 | ... | 1,695 | | 196 | ... | 23 | ... | 169 | ... | 652 | ... | 166 | ... | 1,182 | ... | 6 |
| ALL AGES. Persons ... | 200 | | 85 | | 3,684 | | 770 | | 78 | | 632 | | 1,399 | | 485 | | 2,703 | | 56 | |

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* NOTE—No deaths were due to Kala Azar during the year and this column in Tables 23 and 27 is utilized for showing separately deaths from "Convulsions" which otherwise are included for the rest of the Tables in Column 28—K.

## 27—*concluded.*

### *TABLE of DEATHS by Age, Sex and Cause in 1922—concluded.*

| AGE. | 28—*contd.* OTHER DEFINED DISEASES—*contd.* E Fever not defined. | | F Cholera. | | G Dysentery. | | H Leprosy. | | K Other defined Diseases. | | 29 Diseases Ill-defined or unknown. | | Still-born. | | All Causes. | | All Ages. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Males. | Females. | Males. | Females. | Males. | Females. | Males | Females. | Males. | Females. | Males. | Females. | Males. | Females | Males. | Females. | Persons. |
| Under 1 week ... ... ... | 2 | 1 | ... | ... | ... | ... | ... | ... | 21 | 10 | 3 | 3 | ... | ... | 1,058 | 836 | 1,894 |
| Over 1 week and under 1 month... | 1 | 2 | ... | ... | 1 | ... | ... | ... | 9 | 11 | ... | 1 | ... | ... | 708 | 642 | 1,350 |
| 1 to 6 months ... ... ... | 11 | 14 | ... | ... | 2 | 5 | ... | ... | 35 | 42 | 2 | 3 | ... | ... | 1,196 | 1,044 | 2,240 |
| 6 to 12 „ ... ... ... | 3 | 7 | ... | ... | 13 | 12 | ... | ... | 116 | 96 | 18 | 25 | ... | ... | 1,405 | 1,347 | 2,752 |
| 1 to 2 years ... ... ... | 1 | 3 | ... | ... | 39 | 47 | ... | ... | 153 | 172 | 77 | 90 | ... | ... | 1,360 | 1,481 | 2,841 |
| 2 to 3 „ ... ... ... | 3 | 4 | ... | ... | 22 | 29 | ... | ... | 67 | 79 | 16 | 21 | ... | ... | 477 | 541 | 1,018 |
| 3 to 4 „ ... ... ... | 2 | ... | ... | ... | 21 | 21 | ... | ... | 42 | 50 | 11 | 11 | ... | ... | 270 | 319 | 589 |
| 4 to 5 „ ... ... ... | 1 | ... | ... | ... | 17 | 16 | ... | ... | 26 | 32 | 6 | 7 | ... | ... | 199 | 237 | 426 |
| 5 to 10 „ ... ... ... | 7 | 7 | ... | 1 | 48 | 55 | ... | ... | 62 | 82 | 11 | 16 | ... | ... | 661 | 772 | 1,433 |
| 10 to 15 „ ... ... ... | 14 | 4 | ... | ... | 20 | 22 | ... | ... | 38 | 60 | 3 | 5 | ... | ... | 597 | 619 | 1,216 |
| 15 to 20 „ ... ... ... | 23 | 4 | 1 | ... | 35 | 26 | 3 | 1 | 37 | 97 | 4 | 7 | ... | ... | 830 | 698 | 1,528 |
| 20 to 25 „ ... ... ... | 17 | 8 | 2 | 1 | 42 | 35 | 10 | 2 | 100 | 173 | 15 | 6 | ... | ... | 1,337 | 931 | 2,268 |
| 25 to 30 „ ... ... ... | 22 | 4 | 1 | ... | 65 | 36 | 3 | 2 | 120 | 162 | 17 | 9 | ... | ... | 1,741 | 1,021 | 2,762 |
| 30 to 35 „ ... ... ... | 25 | 9 | 3 | 2 | 77 | 32 | 4 | 5 | 146 | 147 | 18 | 12 | ... | ... | 1,756 | 994 | 2,750 |
| 35 to 40 „ ... ... ... | 18 | 8 | 1 | 1 | 62 | 34 | 7 | 1 | 129 | 94 | 23 | 7 | ... | ... | 1,480 | 696 | 2,176 |
| 40 to 45 „ ... ... ... | 11 | 6 | ... | ... | 57 | 27 | 11 | 3 | 124 | 72 | 19 | 10 | ... | ... | 1,294 | 610 | 1,904 |
| 45 to 50 „ ... ... ... | 3 | 3 | 1 | ... | 35 | 9 | 8 | 1 | 87 | 41 | 13 | 9 | ... | ... | 800 | 370 | 1,170 |
| 50 to 55 „ ... ... ... | 2 | 6 | ... | ... | 40 | 17 | 10 | 1 | 145 | 72 | 28 | 15 | ... | ... | 1,032 | 522 | 1,554 |
| 55 to 60 „ ... ... ... | 3 | 1 | ... | 1 | 19 | 12 | 3 | ... | 97 | 48 | 20 | 7 | ... | ... | 544 | 240 | 784 |
| 60 & over ... ... ... ... | 12 | 7 | ... | ... | 46 | 35 | 1 | 2 | 1,332 | 1,443 | 39 | 38 | ... | ... | 2,404 | 2,234 | 4,638 |
| Unspecified Age ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | 3 | 1 | 4 |
| ALL AGES. Males ... ... | 181 | ... | 9 | ... | 671 | ... | 60 | ... | 2,887 | ... | 343 | ... | 1,132 | ... | 21,152 | ... | |
| ALL AGES. Females. ... | ... | 98 | ... | 6 | ... | 470 | ... | 18 | ... | 2,983 | ... | 303 | ... | 784 | ... | 16,145 | |
| ALL AGES. Persons ... ... | 279 | | 15 | | 1,141 | | 78 | | 5,870 | | 646 | | 1,916 | | 37,297 | | 37,297 |

28

## TABLE of DEATHS by CAUSES and OCCUPATIONS

| Number of | | Nature of Occupation. | CAUSES OF DEATH. | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Order. | Groups. | | 1-189 | 28-29 | 39-45 | 47 | 48C. | 50 | 56 | 57. | 60-76 | 79A | 81A. | 77-85* | 86-98 | 109A. | 111-115 | 99-118* |
| | | | All Causes. | Pulmonary Tuberculosis. | Cancer. | Rheumatic Fever. | Gout. | Diabetes. | Alcoholism. | Plumbism (Lead Poisoning). | Disease of the Nervous system. | Valvular Disease of the Heart. | Aneurism. | Other diseases of the Circulatory System.* | Disease of the Respiratory System. | Hernia. | Disease of the Liver. | Other Diseases of the Digestive System.* |
| | | PRODUCTION OF RAW MATERIALS—CLASS A (I & II) | | | | | | | | | | | | | | | | |
| 1 | 1-16 | Pasture, Agriculture, Farm labourers, &c. | 168 | 5 | 1 | 1 | .. | .. | .. | .. | 2 | 1 | .. | 1 | 57 | .. | 1 | 4 |
| 2 | 17-18 | Fishing and hunting .. .. .. | 37 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | .. | 1 | 1 |
| 3 | 19-21 | Mines, metallic minerals, coal, &c., and Petroleum wells. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| 4 | 22 | Quarries of hard rocks .. .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. |
| 5 | 23-24 | Salt works, extraction of saltpetre, alum, &c. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| | | III.—INDUSTRY. | | | | | | | | | | | | | | | | |
| 6 | 25-27 | Textiles, cotton mills, workers in cotton. | 114 | 3 | 1 | .. | .. | 1 | .. | .. | .. | .. | . | 1 | 55 | .. | .. | 1 |
| | 28 | Jute spinning, weaving, &c. .. .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | .. | .. | .. |
| | 29-30 | Rope, twine, and string making, workers in other fibres. | 2 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| | 31-33 | Woollen mills, blankets, carpets, &c .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | 1 | .. | .. | .. |
| | 34-36 | Workers in silk and hair (camel, horse, &c.) | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| | 37 | Dyeing, bleaching, calico printing, &c. | 26 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | .. | .. | .. |
| | 38 | Other textiles and millhands, weavers, &c., insufficiently described. | 1,980 | 51 | 1 | 2 | ... | .. | .. | .. | 5 | 2 | .. | 8 | 884 | 2 | 2 | 89 |
| 7 | 39-42 | Furriers, workers in leather, bone, &c. | 41 | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | 23 | .. | .. | 2 |
| 8 | 43-45 | Sawyers, carpenters, basket makers, &c. | 301 | 15 | .. | ... | .. | .. | .. | .. | 9 | 3 | .. | .. | 112 | .. | 6 | 12 |
| 9 | 46-48 | Workers in iron, makers of guns, &c. | 82 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 35 | .. | 2 | 7 |
| | 49 | Workers in brass, copper and bell metal. | 28 | 3 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 9 | .. | .. | 1 |
| | 50 | Workers in lead, quicksilver and other metals. | 34 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | .. | 2 | .. |
| | 51 | Workers in mints, die-sinkers, &c. .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| 10 | 52-57 | Workers in ceramics, glass pottery, porcelain, bricks, &c. | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9 | .. | 1 | .. |
| 11 | 58 | Making of matches and explosives . | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. |
| | 59 | Making of aerated waters and ice .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 60 | Making of dyes, paints and ink .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 61-62 | Making, refining vegetable and mineral oils. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 63 | Making of paper, papier mache, &c. .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 64 | Making of soap, candles, perfumes, drugs. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | ... |
| 12 | 65-72 | Bakers, butchers, fish curers, flour-grinders, makers of other food. | 81 | 5 | 1 | .. | .. | .. | .. | .. | 2 | 1 | .. | 1 | 37 | .. | 1 | 7 |
| | 73-74 | Brewers, distillers, toddy drawers .. | 18 | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 7 | .. | 1 | 1 |
| | 75 | Making of tobacco, opium and ganja. | 47 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 19 | .. | .. | .. |
| 13 | 76-79 | Tailors, &c., makers of umbrellas, boots, hats, and other articles of dress. | 247 | 9 | .. | .. | .. | .. | .. | .. | 2 | 1 | .. | 3 | 117 | .. | 4 | 15 |
| | 80 | Washing cleaning and dyeing clothes. | 191 | 10 | .. | 1 | .. | .. | .. | .. | 2 | .. | .. | .. | 86 | .. | 2 | 9 |
| | 81-82 | Barbers and other industries connected with the toilet. | 69 | 3 | .. | .. | .. | .. | .. | .. | .. | 2 | .. | 1 | 25 | .. | .. | 6 |
| 14 | 83-84 | Furniture, cabinet, tent makers, carriage painters, upholster, &c. | 29 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 15 | .. | .. | 4 |
| 15 | 85-88 | Building industries, lime burners excavators, stone cutters, &c. | 154 | 4 | .. | .. | .. | .. | .. | .. | 3 | .. | .. | 1 | 77 | .. | 8 | 6 |
| | 89 | House decorators, builders, painters, plumbers, tilers, &c. | 72 | 1 | .. | 1 | .. | 1 | .. | .. | 1 | 1 | .. | 1 | 31 | .. | 1 | 4 |
| 16 | 90-92 | Makers of vehicles, ships, aeroplanes &c. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | .. |
| 17 | 93 | Gas works and electric light .. .. | 24 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 10 | .. | 1 | 3 |
| | 94 | Printers, lithographers, engravers, &c. | 61 | 8 | .. | .. | .. | .. | .. | .. | 3 | .. | .. | 1 | 21 | .. | 3 | 5 |
| 18 | 95-97 | Book-binders, makers of musical instruments, clocks, &c. | 31 | 2 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 11 | .. | 1 | |
| | 98-100 | Workers in jewellery, necklaces, toys, &c. | 84 | 5 | .. | 1 | .. | .. | .. | .. | 4 | .. | .. | .. | 40 | .. | 2 | 2 |
| | 101-102 | Employes (not actors) in theatres race-courses, contractors, &c. | 8 | .. | .. | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | 3 | .. | .. | .. |
| | 103 | Sweepers, scavengers, &c. | 180 | 15 | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 84 | .. | 1 | 14 |
| | | IV.—TRANSPORT. | | | | | | | | | | | | | | | | |
| 19 | 104 | Persons (not makers) concerned with aerodromes and aeroplanes. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | . | .. | .. | .. | .. |
| 20 | 105-110 | Persons employed in transport by water. | 272 | 11 | 1 | 1 | .. | 1 | .. | .. | 1 | .. | .. | . | 119 | .. | 1 | 12 |
| 21 | 111-112 | Persons employed on construction, &c., of roads and bridges. | 9 | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | 5 | .. | .. | .. |
| | 113-114 | Managers and employers connected with vehicles. | 80 | 3 | .. | .. | ... | .. | .. | .. | 4 | 1 | .. | .. | 36 | .. | 1 | 8 |
| | 115-116 | Bullocks, ass, etc., owners and drivers | 294 | 8 | .. | 1 | .. | .. | .. | .. | 3 | .. | .. | 3 | 141 | .. | 2 | 11 |
| | 117 | Porters and messengers .. .. | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | .. | .. | 1 |
| 22 | 118 | Railway employees (other than labourers). | 91 | 4 | 1 | .. | .. | 2 | .. | .. | 5 | .. | .. | 4 | 29 | .. | 1 | 7 |
| | 119 | Labourers and coolies of railways .. | 189 | 3 | .. | .. | .. | ... | .. | .. | 1 | .. | 1 | 2 | 89 | .. | .. | 8 |
| 23 | 120 | Post, Telegraph and Telephone services. | 43 | 2 | 2 | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 19 | .. | .. | 1 |

*Excluding intervening numbers in preceding columns.

## at DIFFERENT AGE PERIODS in 1922.

| 120 | 119-133 | 155-163 | 164-186 | | AGE PERIOD. | | | | | | | | | | | | | | Age Unspecified. | | Death-rate per 1,000 of actual workers by the census of 1921. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bright's Disease. | Other Diseases of the Urinary System. | Suicide. | Accidents. | All other Causes. | Under 15 years. | | 15—25 years. | | 25—35 years. | | 35—45 years. | | 45—55 years. | | 55—65 years. | | 65 years and upwards. | | | | |
| | | | | | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | |
| 1 | 3 | 1 | 4 | 81 | .. | .. | 10 | 3 | 26 | 4 | 31 | 1 | 31 | 2 | 25 | 2 | 24 | 6 | .. | .. | 24·39 |
| 1 | .. | .. | 4 | 16 | .. | .. | 3 | .. | 5 | 1 | 10 | .. | 8 | .. | 2 | .. | 7 | .. | .. | .. | 21·03 |
| .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 32·60 |
| .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 1 | 1 | .. | .. | .. | ... | . | .. | .. | .. | .. | 90·80 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 2·43 |
| .. | .. | .. | .. | 53 | 4 | .. | 23 | 3 | 30 | 6 | 18 | 4 | 9 | .. | 7 | 2 | 7 | 1 | .. | .. | |
| .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 2 | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | |
| .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | . | 1 | .. | .. | .. | .. | .. | .. | .. | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | 15·51 |
| .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | |
| .. | .. | .. | .. | 14 | 1 | .. | 5 | 1 | 9 | 3 | 3 | .. | 1 | 1 | 1 | . | 1 | .. | .. | .. | |
| 6 | .. | 4 | 31 | 845 | 82 | 8 | 339 | 104 | 465 | 168 | 267 | 95 | 151 | 51 | 115 | 34 | 80 | 21 | .. | .. | |
| 1 | .. | .. | .. | 15 | .. | .. | 2 | .. | 11 | .. | 11 | .. | 6 | .. | 4 | .. | 6 | 1 | .. | .. | 13·38 |
| 5 | .. | 2 | 9 | 128 | 1 | .. | 44 | 3 | 82 | 1 | 59 | 2 | 45 | . | 37 | .. | 24 | 2 | 1 | .. | 14·07 |
| .. | .. | .. | 1 | 82 | . | .. | 12 | .. | 17 | .. | 24 | .. | 7 | .. | 13 | .. | 9 | .. | .. | .. | 10·33 |
| .. | .. | 1 | .. | 10 | .. | .. | 3 | .. | 7 | .. | 6 | . | 4 | .. | 2 | .. | 4 | .. | .. | .. | |
| .. | .. | .. | 2 | 14 | .. | .. | 9 | .. | 7 | .. | 8 | .. | 2 | .. | 5 | .. | 3 | .. | .. | .. | 22·28 |
| .. | .. | .. | .. | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | 2 | .. | 1 | .. | .. | .. | .. | .. | |
| .. | .. | .. | 1 | 5 | .. | .. | 2 | .. | 3 | 1 | 2 | 1 | .. | 1 | 1 | .. | 3 | 2 | .. | .. | 10·70 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | .... |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9·52 |
| .. | .. | .. | 2 | 24 | 1 | ... | 13 | 2 | 27 | .. | 13 | 1 | 10 | 1 | 8 | 1 | 3 | 1 | .. | .. | 37·02 |
| .. | .. | .. | .. | 7 | .. | .. | 1 | .. | 1 | .. | 7 | .. | 2 | .. | 4 | .. | 3 | .. | .. | .. | 21·66 |
| .. | 1 | .. | .. | 18 | 1 | .. | 5 | 2 | 6 | 13 | 8 | 4 | 2 | 8 | .. | 2 | .. | 1 | .. | .. | 11·34 |
| 2 | 1 | 1 | 4 | 88 | 2 | .. | 31 | .. | 64 | 1 | 47 | 1 | 47 | 1 | 24 | .. | 29 | .. | .. | .. | 14·87 |
| 2 | .. | .. | 3 | 76 | 1 | .. | 14 | 4 | 51 | 9 | 32 | 5 | 19 | 3 | 19 | 2 | 30 | 2 | .. | .. | 34·26 |
| .. | .. | 1 | .. | 31 | .. | . | 10 | .. | 24 | .. | 11 | .. | 12 | .. | 6 | .. | 6 | .. | .. | .. | 14·91 |
| 1 | .. | .. | 1 | 6 | .. | .. | 5 | .. | 7 | .. | 7 | .. | 4 | .. | 2 | .. | 4 | .. | .. | .. | 101·04 |
| .. | .. | 1 | 8 | 51 | 1 | .. | 14 | 1 | 42 | 3 | 35 | 1 | 24 | .. | 17 | .. | 13 | 1 | .. | .. | 22·34 |
| .. | .. | .. | 3 | 22 | .. | ,, | 10 | 1 | 20 | .. | 16 | .. | 9 | .. | 5 | .. | 11 | .. | .. | | 37·77 |
| .. | .. | .. | .. | ... | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | . | .. | .. | .. | 5·84 |
| .. | 1 | .. | 1 | 9 | .. | .. | 7 | .. | 10 | .. | 4 | .. | 1 | .. | 1 | .. | 1 | .. | .. | .. | 23·97 |
| .. | .. | .. | 5 | 17 | 2 | .. | 12 | .. | 14 | .. | 12 | .. | 9 | .. | 8 | .. | 4 | .. | .. | .. | 21·21 |
| .. | .. | .. | .. | 11 | .. | .. | 7 | .. | 9 | .. | 3 | .. | 7 | .. | 2 | .. | 8 | .. | .. | .. | 30·45 |
| .. | .. | .. | 2 | 28 | .. | .. | 13 | .. | 20 | .. | 15 | .. | 12 | .. | 10 | .. | 9 | .. | .. | .. | 17·59 |
| 1 | .. | .. | . | 2 | .. | .. | .. | .. | 2 | .. | .. | .. | 5 | .. | 1 | .. | .. | .. | .. | .. | 23·46 |
| .. | .. | .. | 1 | 63 | .. | 1 | 29 | 10 | 31 | 19 | 27 | 7 | 17 | 6 | 16 | 5 | 12 | 6 | .. | .. | 23·69 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| 3 | 1 | .. | 15 | 166 | .. | .. | 51 | .. | 87 | 2 | 61 | 1 | 29 | .. | 28 | .. | 12 | .. | 1 | .. | 8·76 |
| .. | .. | .. | .. | 4 | .. | .. | 2 | .. | 1 | .. | 3 | 1 | .. | .. | .. | .. | 1 | 1 | .. | .. | 14·72 |
| .. | .. | .. | 6 | 26 | .. | .. | 22 | .. | 28 | .. | 12 | .. | 10 | .. | 4 | .. | 4 | .. | .. | .. | 11·59 |
| 3 | .. | 1 | 11 | 110 | .. | .. | 30 | .. | 93 | .. | 73 | .. | 41 | 1 | 36 | .. | 20 | .. | . | .. | 55·36 |
| .. | .. | .. | .. | 2 | .. | .. | 1 | .. | 2 | .. | 2 | .. | 3 | .. | .. | .. | 1 | .. | .. | .. | 15·22 |
| 2 | .. | .. | 4 | 32 | .. | .. | 10 | .. | 32 | 1 | 13 | .. | 22 | .. | 9 | .. | 4 | .. | .. | .. | 7·06 |
| .. | 1 | .. | 11 | 73 | .. | .. | 26 | .. | 57 | 1 | 53 | 1 | 22 | .. | 18 | .. | 10 | 1 | .. | .. | 28·19 |
| .. | .. | .. | .. | 17 | .. | .. | 11 | .. | 10 | .. | 11 | .. | 5 | .. | 5 | .. | 1 | .. | .. | .. | 13·04 |

## 28

## TABLE of DEATHS by CAUSES and

| Number of Order. | Number of Groups. | Nature of Occupation. | 1-189 All Causes. | 28-29 Pulmonary Tuberculosis. | 39-45 Cancer. | 47 Rheumatic Fever. | 48C. Gout. | 50 Diabetes. | 56 Alcoholism. | 57 Plumbism (Lead Poisoning). | 60-76 Disease of the Nervous system. | 79A. Valvular Disease of the Heart. | 81A. Aneurism. | 77-88* Other Diseases of the Circulatory System.* | 86-98. Disease of the Respiratory System. | 109A. Hernia. | 111-115 Disease of the Liver. | 99-118*. Other Diseases of the Digestive System.* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | V.—TRADE. | | | | | | | | | | | | | | | | |
| 24-25 | 121-122 | Bank managers, money lenders, brokers, agents, &c., and employees. | 224 | 8 | 1 | 2 | .. | 3 | 1 | .. | 7 | .. | .. | 6 | 94 | 2 | 4 | 15 |
| 26-31 | 123-128 | Traders (not makers) in various wares. | 409 | 12 | 3 | 1 | .. | 1 | 1 | .. | 9 | 3 | 1 | 10 | 176 | 1 | 6 | 29 |
| 32 | 129-130 | Vendors of wine, liquors, aerated waters, hotel managers and servants. | 139 | 5 | .. | .. | .. | 1 | .. | .. | 7 | .. | .. | 3 | 55 | 1 | 6 | 9 |
| 33 | 131-139 | Dealers in food-stuffs, fish, milk, oil, sugar, &c. | 475 | 11 | 2 | 2 | .. | 1 | .. | .. | 4 | 1 | .. | 2 | 206 | .. | 8 | 22 |
| 34-36 | 140-143 | Trade in clothing, toilet, furniture, building materials. | 42 | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 2 | 15 | .. | 1 | 1 |
| 37 | 144-146 | Trade in means of Transport, hirers of horses, etc. | 18 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | 8 |
| 38 | 147 | Dealers in firewood, charcoal and other fuel. | 39 | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 17 | .. | .. | 2 |
| 39 | 148-150 | Dealers in jewellery, bangles, books, stationery, &c. | 35 | 1 | .. | ... | .. | .. | .. | .. | 2 | .. | .. | .. | 16 | 1 | 1 | 4 |
| 40 | 151 | Dealers in rags, stable refuse, &c. .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. |
| | 152-153 | Store and Shopkeepers not defined, pedlars and hawkers. | 309 | 17 | .. | .. | .. | .. | .. | .. | 3 | .. | .. | .. | 140 | .. | 9 | 22 |
| | 154 | All other Trades .. .. .. | 11 | 1 | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | 4 | .. | .. | 1 |
| | | VI.—PUBLIC FORCE. | | | | | | | | | | | | | | | | |
| 41 | 155-156 | Army .. .. .. .. .. .. | 44 | 14 | 1 | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 7 | .. | 1 | 4 |
| 42 | 157 | Navy .. .. .. .. .. .. | 5 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 43 | 158 | Air Force .. .. .. .. .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 44 | 159-160 | Police and village watchmen .. .. | 125 | 5 | .. | 1 | .. | .. | .. | .. | 4 | 2 | .. | 1 | 54 | .. | .. | 5 |
| | | VII.—PUBLIC ADMINISTRATION. | | | | | | | | | | | | | | | | |
| 45 | 161-164 | Service of the State, Indian, Foreign, and Municipal not assigned to any other group. | 99 | 8 | .. | .. | .. | .. | 1 | .. | 2 | 1 | .. | 2 | 40 | .. | 2 | 10 |
| | | VIII.—PROFESSIONS AND LIBERAL ARTS. | | | | | | | | | | | | | | | | |
| 46 | 165 | Priests, ministers, &c. .. .. | 66 | 1 | .. | .. | .. | .. | .. | .. | 4 | .. | .. | 1 | 28 | 1 | 2 | 5 |
| | 166 | Religious mendicants, inmates of monasteries, &c. | 73 | 2 | .. | ... | .. | 1 | ... | .. | .. | .. | .. | .. | 29 | .. | .. | 9 |
| | 167-168 | Church and mission, temple, burial or burning ground service. | 10 | 1 | .. | .. | .. | .. | ... | .. | 1 | .. | .. | .. | 8 | .. | .. | .. |
| 47 | 169-170 | Lawyers, all kinds and their clerks . | 16 | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | 3 | 2 | .. | .. | .. |
| 48 | 171 | Medical practitioners, all kinds of veterinary surgeons, dentists. | 38 | 1 | .. | .. | .. | .. | .. | .. | 4 | .. | .. | 1 | 10 | .. | 1 | 2 |
| | 172 | Midwives, vaccinators, compounders, nurses. | 25 | 3 | 1 | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 7 | .. | .. | .. |
| 49 | 173-174 | Professors, teachers and educational clerks. | 42 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | .. | 1 | 2 |
| 50 | 175-179 | Scribes, architects, authors, editors, music composers, &c. | 68 | 3 | .. | .. | .. | 3 | .. | .. | 3 | 1 | 1 | .. | 23 | .. | 2 | 4 |
| | | IX.—PERSONS LIVING PRINCIPALLY ON THEIR INCOME. | | | | | | | | | | | | | | | | |
| 51 | 180 | Persons living on rent, watans, pensions, &c. | 171 | 5 | 3 | .. | .. | 2 | .. | ... | 13 | .. | .. | 5 | 33 | .. | 2 | 14 |
| | | X.—DOMESTIC SERVICE. | | | | | | | | | | | | | | | | |
| 52 | 181-183 | Cooks, Doorkeepers, grooms, motor drivers, &c. | 853 | 66 | 4 | .. | .. | 2 | .. | .. | 16 | 5 | 8 | 14 | 860 | .. | 12 | 62 |
| | | XI.—INSUFFICIENTLY DESCRIBED OCCUPATIONS. | | | | | | | | | | | | | | | | |
| 53 | 184 | Manufacturers, businessmen unspecified. | 26 | 3 | 1 | .. | .. | 1 | .. | .. | 2 | 1 | .. | .. | 4 | .. | 1 | 3 |
| | 185 | Cashiers, accountants, clerks otherwise unspecified. | 1,045 | 65 | 8 | 1 | 1 | 7 | 2 | .. | 22 | 8 | .. | 12 | 487 | 1 | 11 | 54 |
| | 186 | Mechanics otherwise unspecified . | 164 | 28 | 3 | .. | .. | .. | .. | ... | 2 | 1 | .. | 1 | 60 | .. | 4 | 11 |
| | 187 | Labourers and workmen otherwise unspecified. | 2,285 | 56 | 2 | 2 | .. | .. | .. | .. | 28 | 2 | 2 | 3 | 1,021 | .. | 16 | 91 |
| | | XII.—UNPRODUCTIVE. | | | | | | | | | | | | | | | | |
| 54 | 188 | Inmates of jails, asylums, hospitals and alms houses. | 10 | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | 1 | .. | .. | 3 |
| 55 | 189 | Beggars and vagrants .. .. | 540 | 60 | 4 | 1 | .. | .. | .. | .. | 5 | 1 | .. | 2 | 151 | .. | 6 | 77 |
| | 190 | Procurers and prostitutes .. .. | 12 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | .. | .. | 2 |
| | 191 | Other unclassified unproductive occupation. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | Children and others following no occupation. | 24,804 | 763 | 47 | 15 | 2 | 9 | 1 | .. | 1,640 | 20 | 2 | 70 | 8,276 | 1 | 147 | 2,851 |
| | | TOTAL .. | 37,297 | 1,325 | 90 | 24 | 8 | 37 | 7 | .. | 1,840 | 56 | 10 | 163 | 13,614 | 10 | 284 | 8,055 |

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* Excluding intervening numbers in preceding columns.

—*concluded.*

## OCCUPATIONS at DIFFERENT AGE PERIODS in 1922—*concluded.*

| 129 | 119-133 | 165-163 | 164-186 | | AGE PERIOD | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bright's Disease. | Other Diseases of the Urinary System. | Suicide. | Accidents. | All other Causes. | Under 15 years. | | 15—25 years. | | 25—35 years. | | 35—45 years. | | 45—55 years. | | 55—65 years. | | 65 years and upwards. | | Age Unspecified. | | Death-rate per 1,000 of actual workers by the census of 1921. |
| | | | | | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | |
| 5 | 2 | 2 | 8 | 69 | .. | .. | 15 | .. | 42 | .. | 37 | .. | 53 | .. | 40 | .. | 37 | .. | .. | .. | 14·64 |
| 8 | 2 | .. | 7 | 139 | .. | .. | 35 | .. | 76 | .. | 82 | .. | 71 | .. | 75 | .. | 70 | .. | .. | .. | 46·98 |
| 2 | .. | 1 | 1 | 48 | 5 | .. | 38 | 1 | 28 | 2 | 24 | .. | 19 | .. | 8 | .. | 14 | .. | .. | .. | 13·71 |
| 1 | .. | 1 | 9 | 208 | .. | .. | 67 | 12 | 79 | 13 | 64 | 10 | 53 | 14 | 55 | 13 | 53 | 22 | .. | .. | 16·18 |
| .. | 1 | .. | 1 | 19 | .. | .. | 2 | .. | 8 | .. | 7 | .. | 5 | .. | 8 | .. | 12 | .. | .. | .. | 6·77 |
| .. | .. | .. | .. | 6 | .. | .. | 1 | .. | 3 | 1 | 5 | .. | 5 | .. | 1 | .. | 2 | .. | .. | .. | 77·25 |
| 1 | .. | 1 | .. | 16 | .. | .. | 4 | .. | 10 | .. | 8 | .. | 6 | .. | 8 | .. | 3 | .. | .. | .. | 18·98 |
| 1 | .. | .. | 2 | 7 | .. | .. | 5 | .. | 6 | 1 | 6 | .. | 7 | .. | 7 | .. | 3 | .. | .. | .. | 10·75 |
| .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10·68 |
| 4 | 1 | .. | 4 | 109 | .. | .. | 46 | 3 | 74 | 3 | 64 | 4 | 46 | 4 | 38 | 2 | 24 | 1 | .. | .. | 8·43 |
| .. | .. | .. | 1 | 4 | .. | .. | 2 | .. | 1 | .. | 3 | .. | 2 | .. | .. | .. | 2 | 1 | .. | .. | 4·17 |
| 1 | .. | 2 | .. | 12 | .. | .. | 18 | .. | 17 | .. | 5 | .. | 1 | .. | 3 | .. | .. | .. | .. | .. | 7·11 |
| .. | .. | .. | 1 | 1 | .. | .. | 1 | .. | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 857·14 |
| .. | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| 1 | .. | 1 | 11 | 40 | .. | .. | 17 | .. | 49 | .. | 29 | .. | 19 | .. | 6 | .. | 5 | .. | .. | .. | 38·69 |
| 1 | .. | .. | 2 | 35 | .. | .. | 11 | .. | 22 | .. | 25 | .. | 29 | .. | 7 | .. | 5 | .. | .. | .. | 9·54 |
| 1 | .. | .. | 2 | 26 | .. | .. | 7 | .. | 8 | .. | 8 | .. | 10 | .. | 14 | .. | 19 | .. | .. | .. | 24·94 |
| 1 | .. | 1 | 5 | 25 | .. | .. | 3 | .. | 5 | .. | 16 | .. | 16 | .. | 16 | 1 | 16 | .. | .. | .. | 81·11 |
| .. | .. | .. | .. | 5 | .. | .. | .. | .. | 2 | .. | 1 | .. | 4 | .. | 1 | .. | 2 | .. | .. | .. | 40·10 |
| .. | .. | .. | 1 | 8 | .. | .. | .. | .. | 3 | .. | .. | .. | 4 | .. | 2 | 1 | 6 | .. | .. | .. | 14·58 |
| .. | .. | 2 | .. | 12 | .. | .. | 1 | .. | 6 | .. | 8 | .. | 4 | .. | 5 | .. | 9 | .. | .. | .. | 16·52 |
| .. | 1 | 1 | 1 | 9 | .. | .. | 4 | 1 | 4 | 1 | 4 | 2 | 2 | 4 | .. | 1 | .. | 2 | .. | .. | 20·37 |
| 1 | .. | .. | .. | 15 | .. | .. | 2 | 1 | 9 | 4 | 6 | 2 | 5 | 1 | 8 | .. | 4 | .. | .. | .. | 11·67 |
| 1 | 1 | .. | 1 | 25 | .. | .. | 2 | .. | 10 | .. | 14 | .. | 22 | .. | 16 | .. | 4 | .. | .. | .. | 14·68 |
| 6 | 3 | 1 | 7 | 77 | .. | .. | 1 | 2 | 3 | 3 | 14 | 1 | 20 | 5 | 38 | 1 | 79 | 4 | .. | .. | 40·90 |
| 9 | 8 | 2 | 21 | 262 | 10 | .. | 133 | 22 | 229 | 22 | 192 | 23 | 83 | 17 | 50 | 14 | 46 | 7 | .. | .. | 20·04 |
| 2 | .. | 1 | .. | 7 | .. | .. | 1 | .. | 6 | .. | 3 | .. | 8 | .. | 7 | .. | 1 | .. | .. | .. | 7·51 |
| 8 | 2 | 8 | 8 | 345 | .. | .. | 215 | 5 | 290 | 4 | 210 | 3 | 142 | 2 | 104 | 2 | 68 | .. | .. | .. | 23·23 |
| 1 | 1 | 1 | 7 | 49 | .. | .. | 37 | .. | 45 | 1 | 35 | .. | 19 | .. | 14 | .. | 18 | .. | .. | .. | 139·81 |
| 10 | 2 | 2 | 104 | 944 | 23 | 1 | 256 | 74 | 598 | 156 | 428 | 109 | 216 | 71 | 156 | 61 | 98 | 33 | .. | .. | 14·65 |
| .. | .. | .. | 1 | 3 | .. | .. | 2 | .. | 2 | 2 | 1 | .. | .. | .. | .. | 2 | .. | 1 | .. | .. | 15·29 |
| 7 | 1 | .. | 59 | 166 | 10 | 3 | 43 | 14 | 78 | 24 | 122 | 25 | 73 | 19 | 52 | 21 | 45 | 11 | .. | .. | 93·26 |
| .. | .. | .. | 1 | 5 | .. | .. | .. | 1 | .. | 5 | .. | 2 | 1 | 1 | 1 | .. | 1 | .. | .. | .. | 3·87 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .... |
| 97 | 44 | 39 | 372 | 10,908 | 7,852 | 7,815 | 425 | 1,358 | 471 | 1,539 | 424 | 1,000 | 301 | 683 | 326 | 823 | 447 | 1,358 | 1 | 1 | 54·04 |
| 197 | 77 | 78 | 770 | 15,647 | 7,931 | 7,828 | 2,167 | 1,629 | 3,497 | 2,015 | 2,774 | 1,306 | 1,832 | 892 | 1,504 | 990 | 1,443 | 1,485 | 3 | 1 | 31·71 |

## 29

### TABLE of Cases treated at the Municipal Dispensaries for different Diseases during 1922.

| Description of Disease or Injury. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Enteric Fever* ... ... ... ... ... ... ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| *Small-pox* ... ... ... ... ... ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| *Plague* ... ... ... ... ... ... ... ... ... | ... | ... | 2 | 5 | ... | ... | ... | ... | ... | ... | ... | ... | 7 |
| *Influenza* ... ... ... ... ... ... ... ... ... | 69 | 44 | 71 | 18 | 43 | 39 | 53 | 38 | 21 | 84 | 148 | 54 | 682 |
| *Cholera* ... ... ... ... ... ... ... ... ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | 2 |
| *Dysentery* ... ... ... ... ... ... ... ... | 180 | 118 | 144 | 109 | 135 | 166 | 275 | 261 | 260 | 207 | 148 | 195 | 2,198 |
| *Diarrhœa* ... ... ... ... ... ... ... ... ... | 226 | 162 | 197 | 170 | 216 | 239 | 263 | 300 | 277 | 234 | 189 | 214 | 2,687 |
| *Malarial Fevers* .. ... ... ... ... ... ... ... ... | 864 | 565 | 671 | 701 | 693 | 752 | 1,054 | 1,441 | 1,671 | 2,390 | 1,567 | 1,264 | 13,633 |
| *Fever not defined* ... ... ... ... ... ... ... ... | 387 | 273 | 303 | 317 | 396 | 425 | 420 | 413 | 282 | 352 | 410 | 276 | 4,254 |
| *Rickets* ... ... ... ... ... ... ... ... ... | 17 | 13 | 14 | 29 | 13 | 25 | 8 | 17 | 19 | 18 | 10 | 11 | 194 |
| *Phthisis* ... ... ... ... ... ... ... ... ... | 8 | 2 | 4 | 11 | 5 | 15 | 3 | 15 | 7 | 7 | 5 | 5 | 87 |
| *Tuberculosis of Glands* ... ... ... ... ... ... ... | 13 | 7 | 8 | 7 | 7 | 19 | 10 | 22 | 6 | 5 | 7 | 3 | 114 |
| *Tuberculosis of Joints* ... ... ... ... ... ... ... ... | ... | 7 | 3 | 1 | 7 | 8 | 1 | 1 | ... | 3 | 3 | 1 | 35 |
| *Bronchitis* ... ... ... ... ... ... ... ... ... | 660 | 585 | 625 | 592 | 577 | 547 | 620 | 688 | 730 | 978 | 730 | 569 | 7,901 |
| *Pneumonia* ... ... ... ... ... ... ... ... ... | 29 | 16 | 18 | 20 | 15 | 16 | 13 | 13 | 16 | 20 | 17 | 23 | 216 |
| *Rheumatism* ... ... ... ... ... ... ... ... ... | 111 | 109 | 212 | 159 | 196 | 193 | 163 | 164 | 152 | 181 | 168 | 173 | 1,981 |
| *Heart Disease* ... ... ... ... ... ... ... ... ... | ... | ... | 1 | 2 | ... | ... | ... | 2 | 1 | ... | ... | ... | 6 |
| *Disease of the Kidney* ... ... ... ... ... ... ... | 3 | 4 | 5 | 13 | 7 | 4 | 1 | 5 | 2 | 2 | ... | 4 | 50 |
| *Gonorrhœa* ... ... ... ... ... ... ... ... ... | 48 | 40 | 41 | 44 | 30 | 32 | 33 | 44 | 40 | 35 | 40 | 34 | 461 |
| *Syphilis* ... ... ... ... ... ... ... ... ... | 54 | 50 | 67 | 76 | 61 | 69 | 52 | 69 | 51 | 51 | 35 | 50 | 685 |
| *Other Venereal Diseases* ... ... ... ... ... ... ... | 9 | 18 | 31 | 42 | 10 | 10 | 15 | 49 | 21 | 14 | 5 | 6 | 230 |
| *Cancer* ... ... ... ... ... ... ... ... ... | 2 | ... | ... | ... | ... | ... | ... | 4 | ... | ... | ... | ... | 6 |
| *Abscess* ... ... ... ... ... ... ... ... ... | 42 | 37 | 70 | 47 | 65 | 66 | 60 | 51 | 52 | 48 | 45 | 53 | 636 |
| *Diseases of the Teeth* ... ... ... ... ... ... ... ... | 173 | 151 | 196 | 247 | 214 | 178 | 184 | 195 | 204 | 197 | 239 | 178 | 2,356 |
| *Ophthalmia* ... ... ... ... ... ... ... ... ... | 1 | 7 | 5 | 13 | 18 | 11 | 12 | 11 | 21 | 34 | 18 | 15 | 166 |
| *Corneal Ulcer* ... ... ... ... ... ... ... ... ... | 9 | 7 | 18 | 9 | 8 | 5 | 4 | 20 | 8 | 9 | 10 | 4 | 101 |
| *Other Disease of the Eye* ... ... ... ... ... ... ... | 169 | 121 | 156 | 134 | 175 | 158 | 137 | 162 | 158 | 109 | 97 | 146 | 1,722 |
| *Ringworm* ... ... ... ... ... ... ... ... ... | 268 | 223 | 218 | 233 | 266 | 275 | 316 | 277 | 258 | 244 | 257 | 182 | 3,017 |
| *Other Diseases of the Skin* ... ... ... ... ... ... ... | 480 | 451 | 511 | 453 | 582 | 547 | 572 | 636 | 624 | 720 | 621 | 524 | 6,721 |
| *Fractures* ... ... ... ... ... ... ... ... ... | ... | ... | 5 | 1 | 1 | 2 | ... | ... | 4 | 1 | .. | ... | 14 |
| *Other Injuries* ... ... ... ... ... ... ... ... ... | 218 | 173 | 202 | 179 | 265 | 304 | 335 | 343 | 334 | 373 | 289 | 208 | 3,223 |
| *Other Diseases* ... ... ... ... ... ... ... ... ... | 1,454 | 1,420 | 1,352 | 1,266 | 1,383 | 1,386 | 1,515 | 1,715 | 1,509 | 1,790 | 1,486 | 1,359 | 17,635 |
| Total New Cases ... | 5,494 | 4,603 | 5,145 | 4,898 | 5,383 | 5,493 | 6,119 | 6,956 | 6,728 | 8,106 | 6,544 | 5,551 | 71,020 |

## TABLE of VACCINATION OPERATIONS performed in the City of Bombay in the year 1922.

| Ward. | SECTION. | Estimated Population in the Middle of the year 1922. | Number of Depôts in each District. | Number of Vaccinators in each District. | Number of persons Vaccinated. | | | Primary Vaccination. | | | | | | | | Percentage of successful primary Vaccinations where results were known. | Number of Re-vaccinations. | Persons successfully vaccinated per 1,000 of population. | Average annual number of persons successfully vaccinated during the past 5 years. | | Average annual number of deaths from Small-pox during the preceding 5 years. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Total. | | | Successful. | | | | | | | | | | | |
| | | | | | Males. | Females. | Total. | Males. | Females. | Total. | Under one year. | 1 to 6 years. | 6 years and above. | Total. | Unknown. | | Total. | | Number. | Ratio per 1,000 of population. | Number. | Ratio per 1,000 of population. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| A | Upper Colaba | 3,740 | 1 | 1 | 172 | 204 | 375 | 156 | 196 | 352 | 229 | 100 | 2 | 331 | 21 | 99·70 | 24 | 13·90 | 278 | 11·68 | 2 | 1·00 |
| | Middle and Lower Colaba | 20,059 | | | | | | | | | | | | | | | | | | | 11 | 0·55 |
| | Fort, South | 4,232 | 1 | | 377 | 290 | 667 | 220 | 262 | 482 | 328 | 122 | 3 | 453 | 24 | 98·90 | 185 | 12·64 | 479 | 13·66 | 2 | 0·55 |
| | Fort, North | 31,557 | | | | | | | | | | | | | | | | | | | 25 | 0·94 |
| | Esplanade | 15,544 | | | 6,334 | 1,933 | 8,267 | 137 | 102 | 239 | 94 | 25 | ... | 119 | 120 | 100·00 | 8,028 | 7·65 | 112 | 7·19 | 11 | 0·63 |
| B | Mandvi | 39,221 | 1 | 1 | 178 | 176 | 354 | 173 | 176 | 349 | 219 | 78 | ... | 297 | 47 | 98·34 | 5 | 7·57 | 275 | 7·12 | 19 | 0·55 |
| | Chukla | 22,955 | | | 201 | 202 | 403 | 194 | 202 | 396 | 249 | 95 | ... | 344 | 48 | 98·35 | 7 | 14·84 | 378 | 16·44 | 6 | 0·25 |
| | Umarkhadi | 47,328 | 1 | | 401 | 431 | 832 | 398 | 431 | 829 | 532 | 229 | 5 | 766 | 54 | 98·84 | 3 | 16·18 | 725 | 15·35 | 17 | 0·36 |
| | Dongri | 20,713 | | | 240 | 268 | 508 | 238 | 268 | 506 | 380 | 96 | ... | 476 | 27 | 99·37 | 2 | 22·98 | 403 | 19·42 | 7 | 0·26 |
| C | Market | 35,633 | 1 | 1 | 238 | 271 | 509 | 217 | 267 | 484 | 277 | 140 | ... | 417 | 62 | 98·82 | 25 | 11·70 | 416 | 11·86 | 16 | 0·51 |
| | Dhobi Talao | 42,533 | | | 336 | 330 | 666 | 297 | 309 | 606 | 421 | 137 | 2 | 560 | 38 | 98·59 | 60 | 13·16 | 589 | 13·97 | 34 | 0·86 |
| | Fanaswadi | 30,390 | | | 219 | 276 | 495 | 195 | 263 | 458 | 299 | 118 | ... | 417 | 36 | 98·82 | 37 | 13·72 | 370 | 12·29 | 23 | 0·82 |
| | Bhuleshwar | 34,561 | | | 281 | 282 | 563 | 277 | 282 | 559 | 365 | 128 | 2 | 495 | 52 | 97·83 | 4 | 14·32 | 470 | 13·58 | 4 | 0·11 |
| | Khara Talao | 24,001 | 1 | | 214 | 249 | 463 | 208 | 248 | 456 | 317 | 80 | ... | 397 | 51 | 98·02 | 7 | 16·54 | 755 | 14·84 | 9 | 0·38 |
| | Kumbharwada | 33,021 | | | 254 | 281 | 535 | 252 | 281 | 533 | 379 | 109 | ... | 488 | 38 | 98·59 | 2 | 14·97 | 428 | 13·18 | 12 | 0·38 |
| D | Khetwadi | 40,506 | 1 | 1 | 334 | 326 | 660 | 311 | 311 | 622 | 428 | 133 | ... | 561 | 56 | 99·12 | 38 | 13·60 | 586 | 14·79 | 25 | 0·74 |
| | Girgaum | 36,593 | | | 336 | 340 | 676 | 307 | 327 | 634 | 395 | 169 | 1 | 565 | 65 | 99·30 | 42 | 15·44 | 646 | 17·94 | 37 | 1·16 |
| | Chowpati | 14,594 | 1 | | 154 | 152 | 306 | 161 | 151 | 302 | 187 | 74 | ... | 261 | 40 | 99·62 | 4 | 17·28 | 290 | 20·34 | 8 | 0·66 |
| | Walkeshwar | 19,013 | | | 202 | 161 | 363 | 189 | 159 | 348 | 237 | 61 | ... | 298 | 46 | 98·68 | 15 | 15·67 | 231 | 12·75 | 5 | 0·41 |
| | Mahalakshmi | 39,441 | | | 339 | 346 | 685 | 331 | 338 | 669 | 428 | 144 | 2 | 574 | 85 | 98·29 | 16 | 14·55 | 521 | 13·70 | 16 | 0·55 |
| E | Mazagon | 37,547 | 2 | 1 | 426 | 462 | 888 | 416 | 447 | 863 | 576 | 129 | ... | 705 | 153 | 99·15 | 25 | 18·77 | 572 | 15·55 | 20 | 0·63 |
| | Tarwadi | 42,183 | | | 321 | 359 | 680 | 317 | 357 | 674 | 454 | 114 | 2 | 570 | 98 | 98·96 | 6 | 12·25 | 449 | 11·03 | 17 | 0·55 |
| | 2nd Nagpada | 23,228 | 1 | | 219 | 230 | 449 | 217 | 228 | 445 | 289 | 78 | ... | 367 | 71 | 98·15 | 4 | 15·78 | 1,298 | 13·02 | 20 | 0·90 |
| | Kamathipura | 45,486 | | | 383 | 390 | 773 | 377 | 389 | 766 | 554 | 103 | 2 | 659 | 93 | 97·96 | 7 | 14·48 | | | 83 | 0·86 |
| | Tardeo | 32,458 | | | 219 | 235 | 454 | 212 | 229 | 441 | 343 | 57 | 1 | 401 | 30 | 91·00 | 13 | 12·35 | | | 16 | 0·55 |
| | Byculla | 93,180 | 2 | | 554 | 614 | 1,168 | 517 | 594 | 1,111 | 809 | 191 | 2 | 1,002 | 92 | 98·33 | 57 | 10·75 | 915 | 9·24 | 61 | 0·77 |
| | 1st Nagpada | 7,786 | | | 68 | 64 | 132 | 67 | 63 | 130 | 87 | 25 | 2 | 114 | 13 | 97·43 | 2 | 14·64 | | | 4 | 0·60 |
| F | Parel | 61,931 | 2 | 1 | 525 | 545 | 1,070 | 499 | 531 | 1,030 | 703 | 187 | 1 | 891 | 129 | 98·89 | 40 | 14·38 | 687 | 11·41 | 16 | 0·33 |
| | Sewri | 29,793 | | | 300 | 335 | 635 | 297 | 333 | 630 | 381 | 128 | ... | 509 | 113 | 98·45 | 5 | 17·08 | 342 | 11·94 | 4 | 0·28 |
| | Sion | 59,566 | 1 | | 471 | 490 | 961 | 435 | 481 | 916 | 558 | 200 | 12 | 770 | 138 | 98·97 | 45 | 12·92 | 683 | 12·10 | 14 | 0·39 |
| G | Mahim | 50,251 | 2 | 1 | 712 | 647 | 1,359 | 621 | 643 | 1,264 | 834 | 321 | 2 | 1,157 | 97 | 99·06 | 95 | 23·02 | 1,021 | 21·21 | 16 | 0·47 |
| | Worli | 1,23,354 | | | 701 | 685 | 1,386 | 669 | 678 | 1,347 | 935 | 294 | 5 | 1,234 | 108 | 99·60 | 39 | 10·00 | 1,025 | 8·56 | 41 | 0·42 |
| | Harbour, Docks, Railways and Unknown | 38,065 | ... | | 1,042 | 233 | 1,275 | 220 | 225 | 445 | 86 | 30 | 1 | 117 | 321 | 94·35 | 830 | 3·07 | 117 | 3·07 | 3 | 0·06 |
| | Total | 12,00,473 | 18 | 7 | 16,751 | 11,807 | 28,558 | 9,115 | 9,771 | 18,886 | 12,373 | 3,895 | 47 | 16,315 | 2,367 | 92·69 | 9,672 | 13·59 | 14,666 | 12·47 | 555 | 0·54 |

# 31

## Yearly Return of Vaccination (excluding Bandra and Kurla) by the Superintendent of Vaccination, Bombay, for 1922.

| Months. | PRIMARY VACCINATIONS. | | | | | | | | | | | | | | | | | | | | | | | | | | | RE-VACCINATIONS. | | | | | | Number of Re-vaccinations in excess of persons. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sex. | | | Caste. | | | | | Age. | | | | | Result. | | | | | | | | | | | | Total. | Number of primary operations in excess of persons. | Sex. | | Results. | | | Total. | | |
| | | | | | | | | | | | | | | Under One Year. | | | 1 to 6 years. | | | 6 years and upwards. | | | Total Results. | | | | | | | | | | | | |
| | Male. | Female. | Total. | Christians. | Hindoos. | Mussalmans. | Parsees. | Other castes. | Under 6 months. | 6 to 12 months. | Total under 1 year. | 1 to 6 years. | 6 years and upwards. | Successful. | Unsuccessful. | Unknown. | Successful. | Unsuccessful. | Unknown. | Successful. | Unsuccessful. | Unknown. | Successful. | Unsuccessful. | Unknown. | | | Male. | Female. | Successful. | Unsuccessful. | Unknown. | | | |
| January .. | 1,109 | 1,202 | 2,311 | 164 | 1,094 | 409 | 188 | 456 | 759 | 1,112 | 1,871 | 437 | 3 | 1,636 | 22 | 213 | 357 | 2 | 78 | 3 | .. | .. | 1,996 | 24 | 291 | 2,311 | .. | 147 | 29 | .. | .. | 176 | 176 | .. | |
| February .. | 1,249 | 1,212 | 2,461 | 113 | 1,531 | 313 | 144 | 360 | 850 | 1,074 | 1,924 | 532 | 5 | 1,682 | 11 | 232 | 460 | 4 | 68 | 3 | 1 | 1 | 2,145 | 16 | 301 | 2,462 | 1 | 142 | 23 | .. | .. | 165 | 165 | .. | |
| March ... | 1,023 | 1,121 | 2,144 | 250 | 987 | 308 | 104 | 465 | 827 | 814 | 1,641 | 496 | 7 | 1,317 | 19 | 305 | 373 | .. | 123 | 7 | .. | .. | 1,697 | 19 | 428 | 2,144 | .. | 688 | 228 | .. | .. | 916 | 916 | .. | |
| April .. .. | 675 | 973 | 1,468 | 57 | 718 | 157 | 27 | 509 | 583 | 548 | 1,131 | 316 | 21 | 954 | 9 | 168 | 245 | 6 | 65 | 14 | 1 | 6 | 1,213 | 16 | 239 | 1,468 | .. | 956 | 280 | .. | .. | 1,236 | 1,236 | .. | |
| May .. .. | 543 | 553 | 1,096 | 56 | 549 | 114 | 6 | 371 | 393 | 411 | 804 | 278 | 14 | 678 | 7 | 119 | 187 | 5 | 88 | 7 | .. | 7 | 872 | 12 | 212 | 1,096 | .. | 1,503 | 310 | .. | .. | 1,813 | 1,813 | .. | |
| June .. .. | 551 | 563 | 1,114 | 64 | 568 | 128 | 30 | 324 | 453 | 308 | 761 | 348 | 5 | 665 | 18 | 78 | 251 | 7 | 90 | 5 | | .. | 921 | 25 | 168 | 1,114 | .. | 3,412 | 1,076 | .. | | 4,488 | 4,488 | .. | |
| July .. .. | 563 | 582 | 1,145 | 44 | 683 | 97 | 37 | 284 | 437 | 450 | 887 | 258 | ... | 817 | 4 | 66 | 209 | 3 | 48 | .. | .. | .. | 1,026 | 7 | 112 | 1,145 | .. | 314 | 74 | .. | | 388 | 388 | .. | |
| August .. | 538 | 603 | 1,141 | 49 | 689 | 101 | 38 | 264 | 221 | 615 | 836 | 303 | 2 | 779 | 2 | 57 | 265 | 1 | 37 | 1 | 1 | .. | 1,045 | 4 | 94 | 1,143 | 2 | 210 | 5 | .. | .. | 215 | 215 | .. | |
| September .. | 581 | 686 | 1,267 | 55 | 701 | 181 | 26 | 304 | 242 | 649 | 891 | 374 | 2 | 810 | 7 | 74 | 324 | 3 | 47 | 2 | .. | .. | 1,136 | 10 | 121 | 1,267 | .. | 43 | 4 | .. | .. | 47 | 47 | .. | |
| October .. | 514 | 601 | 1,115 | 57 | 660 | 133 | 22 | 243 | 205 | 565 | 770 | 344 | 1 | 703 | 3 | 64 | 312 | 1 | 31 | 1 | .. | .. | 1,016 | 4 | 95 | 1,115 | .. | 53 | .. | .. | .. | 53 | 53 | .. | |
| November .. | 773 | 791 | 1,564 | 86 | 920 | 210 | 98 | 250 | 400 | 797 | 1,197 | 367 | ... | 1,068 | 36 | 98 | 329 | 5 | 33 | .. | .. | .. | 1,397 | 41 | 126 | 1,564 | .. | 53 | 2 | .. | .. | 55 | 55 | .. | |
| December .. | 996 | 1,064 | 2,060 | 83 | 1,287 | 346 | 125 | 269 | 513 | 899 | 1,412 | 641 | 7 | 1,264 | 23 | 125 | 583 | 6 | 52 | 4 | .. | 3 | 1,851 | 29 | 180 | 2,060 | .. | 115 | 5 | .. | .. | 120 | 120 | .. | |
| | 9,115 | 9,771 | 18,886 | 1,058 | 10,887 | 7,497 | 845 | 4,099 | 5,883 | 8,242 | 14,125 | 4,694 | 67 | 12,373 | 161 | 1,591 | 3,895 | 43 | 756 | 47 | 3 | 17 | 16,315 | 207 | 2,367 | 18,889 | 3 | 7,636 | 2,036 | .. | .. | 9,672 | 9,672 | | |
| GRAND TOTAL. | 18,886 | | | 18,886 | | | | | 14,125 | | | | | 14,128 | | | 4,694 | | | 67 | | | 18,889 | | | | | 9,672 | | 9,672 | | | | .. | |

*N.B.*—The statement includes vaccination performed by the Medical Practitioners and by the Medical Officers of the two Jails.

TABLE of Births registered and of Vaccinations under one year of age performed in the year 1922.

| Ward. | SECTIONS. | Total number of births exclusive of still-born. | Deaths under one year. | Number of Infants surviving. | Number of Infants vaccinated under one year. | Percentage of vaccinations to births registered. |
|---|---|---|---|---|---|---|
| A | Upper Colaba ... ... ... ... ... ... ... ... | 83 | 29 | 54 | 246 | 70·48 |
| | Middle and Lower Colaba ... ... ... ... ... ... ... | 266 | 112 | 154 | | |
| | Fort, Southern ... ... ... ... ... ... ... ... | 26 | 12 | 14 | 348 | 127·00 |
| | Fort, Northern ... ... ... ... ... ... ... ... | 448 | 169 | 279 | | |
| | Esplanade ... ... ... ... ... ... ... ... | 247 | 64 | 183 | 101 | 40·89 |
| B | Mandvi ... ... ... ... ... ... ... ... | 345 | 192 | 153 | 260 | 75·36 |
| | Chukla ... ... ... ... ... ... ... ... | 412 | 176 | 236 | 287 | 69·66 |
| | Umarkhadi ... ... ... ... ... ... ... ... | 1,072 | 393 | 679 | 569 | 53·07 |
| | Dongri ... ... ... ... ... ... ... ... | 447 | 166 | 281 | 402 | 89·93 |
| C | Market ... ... ... ... ... ... ... ... | 362 | 139 | 223 | 318 | 87·84 |
| | Dhobi Talao ... ... ... ... ... ... ... ... | 727 | 240 | 487 | 453 | 62·31 |
| | Fanaswadi ... ... ... ... ... ... ... ... | 434 | 179 | 255 | 331 | 76·26 |
| | Bhuleshwar ... ... ... ... ... ... ... ... | 521 | 237 | 284 | 407 | 78·11 |
| | Khara Talao ... ... ... ... ... ... ... ... | 483 | 199 | 284 | 361 | 74·74 |
| | Kumbharwada ... ... ... ... ... ... ... ... | 487 | 216 | 271 | 411 | 84·39 |
| D | Khetwadi ... ... ... ... ... ... ... ... | 805 | 210 | 595 | 479 | 59·50 |
| | Girgaum ... ... ... ... ... ... ... ... | 647 | 225 | 422 | 446 | 68·93 |
| | Chowpati ... ... ... ... ... ... ... ... | 301 | 79 | 222 | 222 | 73·75 |
| | Walkeshwar ... ... ... ... ... ... ... ... | 343 | 71 | 272 | 274 | 79·88 |
| | Mahalakshmi ... ... ... ... ... ... ... ... | 627 | 245 | 382 | 492 | 78·46 |
| E | Mazagon ... ... ... ... ... ... ... ... | 839 | 372 | 467 | 694 | 82·71 |
| | Tarwadi ... ... ... ... ... ... ... ... | 831 | 255 | 576 | 536 | 64·50 |
| | 2nd Nagpada ... ... ... ... ... ... ... ... | 432 | 225 | 207 | 347 | 80·32 |
| | Kamathipura ... ... ... ... ... ... ... ... | 820 | 322 | 498 | 642 | 78·29 |
| | Tardeo ... ... ... ... ... ... ... ... | 610 | 257 | 353 | 374 | 61·31 |
| | Byculla ... ... ... ... ... ... ... ... | 1,543 | 946 | 597 | 892 | 57·80 |
| | 1st Nagpada ... ... ... ... ... ... ... ... | 163 | 38 | 125 | 101 | 61·96 |
| F | Parel ... ... ... ... ... ... ... ... | 1,092 | 418 | 674 | 807 | 73·90 |
| | Sewri ... ... ... ... ... ... ... ... | 519 | 267 | 252 | 470 | 90·55 |
| | Sion ... ... ... ... ... ... ... ... | 973 | 456 | 517 | 647 | 66·49 |
| G | Mahim ... ... ... ... ... ... ... ... | 1,118 | 395 | 723 | 909 | 81·30 |
| | Worli ... ... ... ... ... ... ... ... | 2,428 | 912 | 1,516 | 1,012 | 41·68 |
| | Harbour, Docks, Railways and Unknown ... ... ... ... | 1 | 20 | —19 | 287 | ...... |
| | Total ... | 20,452 | 8,236 | 12,216 | 14,125 | 69·06 |

## 33

## Meteorological Data (Government Observatory, Colaba), Latitude 18°-53′-36″, North, Longitude 70°-48′-56″, East.

| MONTHS. | BAROMETER. | READING OF THERMOMETER. | | | | Mean Maximum Solar Radiation for the month. | Differences between Monthly Means of Dew-point Temperatures and Monthly Means of Air Temperatures for the month. | Mean Degree of Humidity, complete saturation being 100. | Prevailing Direction of the Wind. | RAINFALL. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Monthly Means. | Maximum for the month. | Minimum for the month. | Mean Daily Range for the month. | Monthly Means. | | | | | Number of Days on which Rain fell. | Total Fall of Rain during the Month. | Maximum Fall of Rain. |
| 1922. | In. | ° | ° | ° | ° | ° | ° | % | | | In. | In. |
| January ... ... ... | 29·921 | 87·1 | 62·1 | 11·1 | 75·6 | 123·7 | 11·5 | 68 | N. | ...... | 0·00 | 0·00 |
| February ... ... ... | ·893 | 87·8 | 64·0 | 10·2 | 76·9 | 125·0 | 12·1 | 67 | N. N. W. | ...... | 0·00 | 0·00 |
| March ... ... ... | ·861 | 89·7 | 69·7 | 10·5 | 79·9 | 125·3 | 12·1 | 68 | N. N. W. | ...... | 0·00 | 0·00 |
| April ... ... ... | ·792 | 91·2 | 73·0 | 8·7 | 84·3 | 127·3 | 9·4 | 74 | W. N. W. | ...... | 0·00 | 0·00 |
| May ... ... ... | ·766 | 91·8 | 78·6 | 7·8 | 86·1 | 127·8 | 10·5 | 71 | W. N. W. | ...... | 0·06 | 0·00 |
| June ... ... ... | ·653 | 90·4 | 77·0 | 5·2 | 83·5 | 119·1 | 6·4 | 82 | S. W. | 24 | 26·63 | 6·00 |
| July ... ... ... | ·656 | 85·1 | 76·3 | 3·8 | 80·4 | 110·8 | 4·4 | 86 | W. S. W. | 30 | 31·00 | 6·56 |
| August ... ... ... | ·708 | 83·9 | 75·9 | 3·8 | 79·9 | 111·1 | 5·3 | 84 | W. | 29 | 5·15 | 1·11 |
| September ... ... ... | ·761 | 84·1 | 74·2 | 4·8 | 80·6 | 115·3 | 5·6 | 83 | W. | 24 | 7·43 | 1·2 |
| October ... ... ... | ·852 | 89·6 | 75·2 | 9·9 | 82·5 | 127·4 | 8·7 | 76 | N. N. E. | 3 | 0·61 | 0·41 |
| November ... ... ... | ·866 | 89·4 | 69·1 | 10·3 | 81·3 | 127·5 | 11·8 | 69 | N. N. E. | ...... | 0·00 | 0·00 |
| December ... ... ... | ·954 | 88·4 | 65·0 | 11·7 | 76·5 | 123·1 | 13·0 | 65 | N. N. E. | 1 | 0·14 | 0·14 |

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